

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\
 Data File : VX006790.D
 Acq On : 24 Dec 2018 13:05
 Operator : JC/MD
 Sample : VX1224MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:17 AM

Quant Time: Dec 25 02:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	564222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	852853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	782551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	406902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	309314	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.51	113	274953	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.71	98	1037026	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	378560	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92293	17.881	ug/l	98
3) Chloromethane	1.33	50	100085	17.998	ug/l	97
4) Vinyl Chloride	1.41	62	113592	19.558	ug/l	97
5) Bromomethane	1.64	94	111803	19.458	ug/l	98
6) Chloroethane	1.72	64	70793	17.604	ug/l	94
7) Trichlorofluoromethane	1.93	101	177214	19.571	ug/l	98
8) Diethyl Ether	2.19	74	70709	19.661	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102498	19.279	ug/l	99
10) Methyl Iodide	2.51	142	146780	19.287	ug/l	99
11) Tert butyl alcohol	3.07	59	149912	110.465	ug/l	97
12) 1,1-Dichloroethene	2.37	96	96669	19.176	ug/l	99
13) Acrolein	2.29	56	87788	95.890	ug/l	99
14) Allyl chloride	2.73	41	163649	19.286	ug/l	98
15) Acrylonitrile	3.15	53	315680	104.766	ug/l	99
16) Acetone	2.45	43	271976	97.351	ug/l	98
17) Carbon Disulfide	2.57	76	202761	15.199	ug/l	98
18) Methyl Acetate	2.78	43	181241	22.062	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	344253	20.575	ug/l	99
20) Methylene Chloride	2.85	84	117669	20.368	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	103211	18.478	ug/l	98
22) Diisopropyl ether	3.87	45	324944	20.932	ug/l	98
23) Vinyl Acetate	3.82	43	1260032	99.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180259	19.452	ug/l	99
25) 2-Butanone	4.70	43	401322	102.123	ug/l	97
26) 2,2-Dichloropropane	4.59	77	119886	16.748	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	121601	19.732	ug/l	99
28) Bromochloromethane	5.02	49	89058	21.751	ug/l	100
29) Tetrahydrofuran	5.15	42	273820	105.792	ug/l	98
30) Chloroform	5.21	83	191597	19.966	ug/l	97
31) Cyclohexane	5.57	56	157267	18.681	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	155716	19.217	ug/l	99
36) 1,1-Dichloropropene	5.80	75	138509	19.609	ug/l	99
37) Ethyl Acetate	4.85	43	150013	20.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	128749	18.755	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006790.D
 Acq On : 24 Dec 2018 13:05
 Operator : JC/MD
 Sample : VX1224MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:17 AM

Quant Time: Dec 25 02:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170796	18.366	ug/l	99
40) Benzene	6.14	78	435429	20.280	ug/l	98
41) Methacrylonitrile	5.06	41	89145	22.839	ug/l	96
42) 1,2-Dichloroethane	6.20	62	146698	20.051	ug/l	100
43) Isopropyl Acetate	6.46	43	229680	20.532	ug/l	98
44) Trichloroethene	7.21	130	123345	18.980	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107960	20.662	ug/l	98
46) Dibromomethane	7.66	93	75458	19.634	ug/l	97
47) Bromodichloromethane	7.90	83	120607	18.902	ug/l	94
48) Methyl methacrylate	7.77	41	121858	21.422	ug/l	99
49) 1,4-Dioxane	7.75	88	62701	409.533	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	781290	109.771	ug/l	99
52) Toluene	8.79	92	280154	20.197	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	125231	18.300	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	146568	19.520	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	116654	20.546	ug/l	99
56) Ethyl methacrylate	9.18	69	167939	20.928	ug/l	97
57) 1,3-Dichloropropane	9.37	76	185153	20.269	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	441841	103.581	ug/l	100
59) 2-Hexanone	9.49	43	594373	109.145	ug/l	98
60) Dibromochloromethane	9.59	129	101287	18.588	ug/l	98
61) 1,2-Dibromoethane	9.67	107	123823	20.516	ug/l	100
64) Tetrachloroethene	9.34	164	120479	19.443	ug/l	97
65) Chlorobenzene	10.14	112	328398	19.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103420	20.022	ug/l	99
67) Ethyl Benzene	10.25	91	535242	19.785	ug/l	100
68) m/p-Xylenes	10.36	106	424934	39.806	ug/l	100
69) o-Xylene	10.70	106	210699	19.988	ug/l	99
70) Styrene	10.71	104	333973	20.026	ug/l	100
71) Bromoform	10.86	173	71152	18.369	ug/l #	98
73) Isopropylbenzene	11.02	105	555970	19.972	ug/l	100
74) N-amyl acetate	10.90	43	211501	21.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177360	21.424	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	158668m	20.982	ug/l	
77) Bromobenzene	11.26	156	150617	20.013	ug/l	99
78) n-propylbenzene	11.36	91	609834	19.894	ug/l	99
79) 2-Chlorotoluene	11.42	91	369635	19.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	455731	19.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34523	16.950	ug/l #	86
82) 4-Chlorotoluene	11.51	91	415863	19.516	ug/l	98
83) tert-Butylbenzene	11.77	119	475398	20.717	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	468641	19.432	ug/l	99
85) sec-Butylbenzene	11.94	105	555658	19.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	490708	19.841	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268264	19.778	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	268727	19.327	ug/l	99
89) n-Butylbenzene	12.39	91	409855	19.472	ug/l	98
90) Hexachloroethane	12.60	117	64178	18.782	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	267085	19.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32368	18.896	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006790.D
Acq On : 24 Dec 2018 13:05
Operator : JC/MD
Sample : VX1224MBS01
Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:17 AM

Quant Time: Dec 25 02:57:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	179528	19.182	ug/l	100
94) Hexachlorobutadiene	13.78	225	82555	18.714	ug/l	99
95) Naphthalene	13.83	128	569134	19.053	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	186583	19.308	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

