

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006293.D
 Acq On : 05 Dec 2018 11:58
 Operator : JC/MD
 Sample : VX1205MBS01
 Misc : 5.0µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:41:56 AM

Quant Time: Dec 06 00:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	701569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1056586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	952605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	363624	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	347597	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	8.71	98	1247964	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	465969	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141855	20.650	ug/l	99
3) Chloromethane	1.33	50	132726	18.802	ug/l	97
4) Vinyl Chloride	1.41	62	147080	19.359	ug/l	97
5) Bromomethane	1.64	94	97955	18.604	ug/l	98
6) Chloroethane	1.72	64	94118	20.204	ug/l	95
7) Trichlorofluoromethane	1.93	101	226754	19.443	ug/l	100
8) Diethyl Ether	2.19	74	86627	19.627	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	130505	19.680	ug/l	99
10) Methyl Iodide	2.51	142	149280	14.937	ug/l	99
11) Tert butyl alcohol	3.07	59	183940	93.913	ug/l	98
12) 1,1-Dichloroethene	2.38	96	120957	19.054	ug/l	95
13) Acrolein	2.29	56	102048	95.327	ug/l	100
14) Allyl chloride	2.73	41	229116	18.270	ug/l	99
15) Acrylonitrile	3.15	53	388905	95.153	ug/l	99
16) Acetone	2.45	43	315892	93.987	ug/l	95
17) Carbon Disulfide	2.57	76	346985	17.738	ug/l	97
18) Methyl Acetate	2.78	43	222278	19.776	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	436602	19.279	ug/l	100
20) Methylene Chloride	2.86	84	135380	18.926	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	129842	19.193	ug/l	94
22) Diisopropyl ether	3.87	45	391193	19.972	ug/l	99
23) Vinyl Acetate	3.82	43	1636339	97.947	ug/l	100
24) 1,1-Dichloroethane	3.70	63	229482	20.497	ug/l	98
25) 2-Butanone	4.70	43	472128	98.448	ug/l	99
26) 2,2-Dichloropropane	4.59	77	207644	20.097	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	151277	20.047	ug/l	99
28) Bromochloromethane	5.02	49	99030	20.251	ug/l	99
29) Tetrahydrofuran	5.15	42	317074	95.131	ug/l	97
30) Chloroform	5.21	83	238342	20.258	ug/l	96
31) Cyclohexane	5.57	56	199143	19.247	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	220407	19.689	ug/l	98
36) 1,1-Dichloropropene	5.80	75	172925	19.435	ug/l	98
37) Ethyl Acetate	4.85	43	186822	18.750	ug/l	97
38) Carbon Tetrachloride	5.79	117	199451	19.055	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006293.D
 Acq On : 05 Dec 2018 11:58
 Operator : JC/MD
 Sample : VX1205MBS01
 Misc : 5.0µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:41:56 AM

Quant Time: Dec 06 00:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222135	19.234	ug/l	99
40) Benzene	6.14	78	527033	19.777	ug/l	97
41) Methacrylonitrile	5.06	41	102571	18.708	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176785	20.270	ug/l	100
43) Isopropyl Acetate	6.46	43	305976	18.418	ug/l	99
44) Trichloroethene	7.21	130	157567	19.518	ug/l	98
45) 1,2-Dichloropropane	7.52	63	131838	19.466	ug/l	99
46) Dibromomethane	7.66	93	95563	19.537	ug/l	99
47) Bromodichloromethane	7.90	83	183656	19.388	ug/l	98
48) Methyl methacrylate	7.77	41	151616	18.760	ug/l	98
49) 1,4-Dioxane	7.75	88	77308	388.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	934262	96.603	ug/l	98
52) Toluene	8.79	92	343552	19.595	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	206938	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	219435	19.076	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	141892	19.921	ug/l	96
56) Ethyl methacrylate	9.18	69	211176	18.965	ug/l	99
57) 1,3-Dichloropropane	9.37	76	227313	20.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	547775	96.944	ug/l	99
59) 2-Hexanone	9.49	43	716475	96.968	ug/l	99
60) Dibromochloromethane	9.58	129	165825	18.881	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155538	19.530	ug/l	99
64) Tetrachloroethene	9.34	164	143593	20.016	ug/l	98
65) Chlorobenzene	10.14	112	403316	19.945	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	153039	19.478	ug/l	99
67) Ethyl Benzene	10.25	91	652325	19.396	ug/l	99
68) m/p-Xylenes	10.36	106	522706	38.799	ug/l	100
69) o-Xylene	10.70	106	259065	19.468	ug/l	100
70) Styrene	10.71	104	414476	19.257	ug/l	98
71) Bromoform	10.86	173	131556	17.738	ug/l	100
73) Isopropylbenzene	11.02	105	683122	20.849	ug/l	100
74) N-amyl acetate	10.90	43	272336	19.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214726	20.485	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	209431m	22.869	ug/l	
77) Bromobenzene	11.26	156	185685	20.421	ug/l	99
78) n-propylbenzene	11.36	91	741850	20.368	ug/l	99
79) 2-Chlorotoluene	11.42	91	449219	20.752	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	566180	20.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72515	18.583	ug/l	93
82) 4-Chlorotoluene	11.51	91	507908	20.180	ug/l	100
83) tert-Butylbenzene	11.77	119	600927	20.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	570443	20.264	ug/l	100
85) sec-Butylbenzene	11.94	105	676592	20.447	ug/l	100
86) p-Isopropyltoluene	12.06	119	602762	20.229	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322514	19.934	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320961	19.545	ug/l	98
89) n-Butylbenzene	12.39	91	497376	19.563	ug/l	100
90) Hexachloroethane	12.60	117	118144	19.454	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	321575	20.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48547	18.067	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120518\
Data File : VX006293.D
Acq On : 05 Dec 2018 11:58
Operator : JC/MD
Sample : VX1205MBS01
Misc : 5.0µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:41:56 AM

Quant Time: Dec 06 00:30:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	226818	19.361	ug/l	100
94) Hexachlorobutadiene	13.79	225	104435	20.158	ug/l	99
95) Naphthalene	13.83	128	729103	20.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225579	19.441	ug/l	99

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

