

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006874.D
 Acq On : 02 Jan 2019 11:51
 Operator : JC/MD
 Sample : VX0102MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:08 AM

Quant Time: Jan 03 00:28:25 2019
 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	5.67	168	565356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	833943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	390692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296308	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	271313	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	975770	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	355461	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83071	16.062	ug/l	97
3) Chloromethane	1.33	50	94286	16.921	ug/l	96
4) Vinyl Chloride	1.41	62	103213	17.736	ug/l	98
5) Bromomethane	1.64	94	101713	17.483	ug/l	99
6) Chloroethane	1.72	64	70057	17.386	ug/l	97
7) Trichlorofluoromethane	1.93	101	168958	18.622	ug/l	97
8) Diethyl Ether	2.19	74	68783	19.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101046	18.968	ug/l	99
10) Methyl Iodide	2.51	142	143294	18.791	ug/l	100
11) Tert butyl alcohol	3.07	59	147482	108.456	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89556	17.729	ug/l	94
13) Acrolein	2.29	56	78368	85.429	ug/l	100
14) Allyl chloride	2.73	41	165268	19.438	ug/l	98
15) Acrylonitrile	3.15	53	310998	103.005	ug/l	100
16) Acetone	2.45	43	288229	102.961	ug/l	99
17) Carbon Disulfide	2.57	76	197668	14.787	ug/l	98
18) Methyl Acetate	2.78	43	190059	23.089	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	348359	20.779	ug/l	98
20) Methylene Chloride	2.86	84	111684	19.294	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	99444	17.768	ug/l	97
22) Diisopropyl ether	3.87	45	316231	20.330	ug/l	98
23) Vinyl Acetate	3.82	43	1289933	101.383	ug/l	97
24) 1,1-Dichloroethane	3.70	63	178380	19.211	ug/l	99
25) 2-Butanone	4.70	43	397887	101.046	ug/l	96
26) 2,2-Dichloropropane	4.59	77	136640	19.050	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	117459	19.021	ug/l	97
28) Bromochloromethane	5.02	49	79963	19.290	ug/l	99
29) Tetrahydrofuran	5.15	42	261175	100.704	ug/l	99
30) Chloroform	5.21	83	187858	19.537	ug/l	100
31) Cyclohexane	5.57	56	142094	16.844	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	158529	19.525	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129179	18.703	ug/l	99
37) Ethyl Acetate	4.85	43	147980	20.585	ug/l	98
38) Carbon Tetrachloride	5.78	117	133141	19.835	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006874.D
 Acq On : 02 Jan 2019 11:51
 Operator : JC/MD
 Sample : VX0102MBS01
 Misc : 5.0uL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0102MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:08 AM

Quant Time: Jan 03 00:28:25 2019
 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	154073	16.944	ug/l	99
40) Benzene	6.14	78	405269	19.303	ug/l	99
41) Methacrylonitrile	5.06	41	85066	22.288	ug/l	98
42) 1,2-Dichloroethane	6.20	62	142365	19.900	ug/l	98
43) Isopropyl Acetate	6.46	43	242616	22.181	ug/l	99
44) Trichloroethene	7.21	130	119744	18.844	ug/l	95
45) 1,2-Dichloropropane	7.52	63	101381	19.843	ug/l	97
46) Dibromomethane	7.66	93	74027	19.698	ug/l	97
47) Bromodichloromethane	7.90	83	126269	20.238	ug/l	98
48) Methyl methacrylate	7.77	41	121177	21.785	ug/l	98
49) 1,4-Dioxane	7.75	88	58579	390.382	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	775699	111.456	ug/l	99
52) Toluene	8.78	92	267799	19.744	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	140355	20.975	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	155237	21.143	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114940	20.703	ug/l	97
56) Ethyl methacrylate	9.18	69	168902	21.525	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182763	20.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	435825	104.487	ug/l	99
59) 2-Hexanone	9.49	43	587593	110.347	ug/l	100
60) Dibromochloromethane	9.58	129	109297	20.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	119893	20.315	ug/l	100
64) Tetrachloroethene	9.34	164	121488	20.453	ug/l	96
65) Chlorobenzene	10.14	112	313862	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	110892	22.397	ug/l	98
67) Ethyl Benzene	10.25	91	507116	19.556	ug/l	98
68) m/p-Xylenes	10.36	106	399638	39.055	ug/l	100
69) o-Xylene	10.69	106	196662	19.463	ug/l	96
70) Styrene	10.71	104	320603	20.055	ug/l	99
71) Bromoform	10.86	173	82742	21.334	ug/l	98
73) Isopropylbenzene	11.02	105	527407	19.732	ug/l	99
74) N-amyl acetate	10.90	43	216078	22.586	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	169891	21.373	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161719m	22.273	ug/l	
77) Bromobenzene	11.26	156	144879	20.050	ug/l	99
78) n-propylbenzene	11.36	91	573229	19.476	ug/l	100
79) 2-Chlorotoluene	11.42	91	345098	19.348	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	431691	19.609	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43175	20.797	ug/l	94
82) 4-Chlorotoluene	11.51	91	394545	19.284	ug/l	99
83) tert-Butylbenzene	11.77	119	426236	19.345	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	440371	19.018	ug/l	99
85) sec-Butylbenzene	11.94	105	515277	19.074	ug/l	100
86) p-Isopropyltoluene	12.06	119	459251	19.340	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	257050	19.738	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	252889	18.942	ug/l	97
89) n-Butylbenzene	12.39	91	379185	18.763	ug/l	100
90) Hexachloroethane	12.60	117	66125	19.914	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	257308	19.751	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34040	20.696	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010219\
Data File : VX006874.D
Acq On : 02 Jan 2019 11:51
Operator : JC/MD
Sample : VX0102MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:08 AM

Quant Time: Jan 03 00:28:25 2019
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	169601	18.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	76343	18.024	ug/l	98
95) Naphthalene	13.83	128	524390	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	169637	18.283	ug/l	99

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

