

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009608.D
 Acq On : 16 May 2019 15:34
 Operator : JC/SP
 Sample : VX0516MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0516MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:09:29 PM

Quant Time: May 17 02:12:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	163272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108496	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	79844	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	318859	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	115798	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25794	17.144	ug/l	99
3) Chloromethane	1.32	50	40606	19.768	ug/l	99
4) Vinyl Chloride	1.40	62	39484	19.712	ug/l	100
5) Bromomethane	1.64	94	24743	20.581	ug/l	99
6) Chloroethane	1.72	64	26155	20.338	ug/l	99
7) Trichlorofluoromethane	1.93	101	48330	19.850	ug/l	97
8) Diethyl Ether	2.19	74	23540	20.411	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30012	19.629	ug/l	99
10) Methyl Iodide	2.51	142	33595	21.767	ug/l	99
11) Tert butyl alcohol	3.05	59	56249	109.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30707	20.044	ug/l	93
13) Acrolein	2.29	56	27846	59.597	ug/l	98
14) Allyl chloride	2.73	41	73277	19.627	ug/l	98
15) Acrylonitrile	3.14	53	132341	104.910	ug/l	99
16) Acetone	2.45	43	117919	98.528	ug/l	94
17) Carbon Disulfide	2.57	76	78895	18.343	ug/l	100
18) Methyl Acetate	2.78	43	62337	21.901	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	121703	20.458	ug/l	98
20) Methylene Chloride	2.85	84	38495	19.865	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33563	20.201	ug/l	98
22) Diisopropyl ether	3.85	45	150983	21.029	ug/l	95
23) Vinyl Acetate	3.81	43	655972	106.695	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71062	20.063	ug/l	98
25) 2-Butanone	4.67	43	196000	105.387	ug/l	98
26) 2,2-Dichloropropane	4.59	77	45744	17.351	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	39993	20.167	ug/l	99
28) Bromochloromethane	5.02	49	26643	16.871	ug/l	99
29) Tetrahydrofuran	5.13	42	130070	108.684	ug/l	99
30) Chloroform	5.21	83	65875	20.564	ug/l	96
31) Cyclohexane	5.58	56	65986	20.025	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	53110	19.916	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48558	19.900	ug/l	100
37) Ethyl Acetate	4.84	43	73771	21.699	ug/l	99
38) Carbon Tetrachloride	5.79	117	43847	19.778	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009608.D
 Acq On : 16 May 2019 15:34
 Operator : JC/SP
 Sample : VX0516MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:09:29 PM

Quant Time: May 17 02:12:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57423	19.162	ug/l	97
40) Benzene	6.14	78	153348	20.306	ug/l	99
41) Methacrylonitrile	5.04	41	40432	19.978	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56464	20.844	ug/l	100
43) Isopropyl Acetate	6.45	43	114446	21.045	ug/l	99
44) Trichloroethene	7.21	130	35278	19.324	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44681	20.895	ug/l	99
46) Dibromomethane	7.66	93	24846	20.009	ug/l	97
47) Bromodichloromethane	7.90	83	49764	20.091	ug/l	100
48) Methyl methacrylate	7.77	41	57460	21.297	ug/l	100
49) 1,4-Dioxane	7.74	88	23114	422.443	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	388622	109.333	ug/l	99
52) Toluene	8.79	92	93671	20.405	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54952	19.650	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61644	19.915	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38920	20.782	ug/l	94
56) Ethyl methacrylate	9.18	69	69251	20.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67940	20.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	163492	92.188	ug/l	99
59) 2-Hexanone	9.49	43	302522	108.367	ug/l	98
60) Dibromochloromethane	9.58	129	36994	20.225	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38764	20.505	ug/l	100
64) Tetrachloroethene	9.34	164	31630	19.313	ug/l	98
65) Chlorobenzene	10.13	112	95728	20.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35527	20.518	ug/l	98
67) Ethyl Benzene	10.25	91	178297	20.284	ug/l	99
68) m/p-Xylenes	10.36	106	129698	40.378	ug/l	98
69) o-Xylene	10.69	106	63816	20.136	ug/l	99
70) Styrene	10.71	104	111882	20.312	ug/l	100
71) Bromoform	10.85	173	27464	19.518	ug/l #	98
73) Isopropylbenzene	11.02	105	169548	19.834	ug/l	99
74) N-amyl acetate	10.90	43	104431	20.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66087	20.738	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	57152m	20.959	ug/l	
77) Bromobenzene	11.26	156	42129	19.856	ug/l	99
78) n-propylbenzene	11.36	91	193475	19.818	ug/l	100
79) 2-Chlorotoluene	11.42	91	117926	19.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143387	19.921	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19594	18.385	ug/l	92
82) 4-Chlorotoluene	11.51	91	133296	19.590	ug/l	100
83) tert-Butylbenzene	11.77	119	137941	19.700	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	144394	19.986	ug/l	99
85) sec-Butylbenzene	11.94	105	162321	19.554	ug/l	100
86) p-Isopropyltoluene	12.06	119	149038	19.971	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72811	19.250	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	74154	19.446	ug/l	98
89) n-Butylbenzene	12.38	91	129581	19.211	ug/l	99
90) Hexachloroethane	12.60	117	24189	19.025	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	76488	19.854	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14791	20.690	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009608.D
Acq On : 16 May 2019 15:34
Operator : JC/SP
Sample : VX0516MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBSD01

Manual Integrations
APPROVED

MMDadoda
5/17/2019 1:09:29 PM

Quant Time: May 17 02:12:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52697	20.003	ug/l	99
94) Hexachlorobutadiene	13.78	225	26835	19.947	ug/l	99
95) Naphthalene	13.83	128	175040	20.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53581	20.064	ug/l	99

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

