

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012150.D
 Acq On : 06 Sep 2019 16:09
 Operator : SY/SP
 Sample : VX0906SBS01
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 10:50:09 AM

Quant Time: Sep 07 01:35:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	118616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	219153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	92089	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
35) Dibromofluoromethane	5.48	113	70649	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.71	98	261585	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	115044	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20106	18.381	ug/l	100
3) Chloromethane	1.31	50	20884	18.643	ug/l	98
4) Vinyl Chloride	1.40	62	19474	18.477	ug/l	100
5) Bromomethane	1.62	94	10257	19.618	ug/l	96
6) Chloroethane	1.70	64	12484	19.054	ug/l	99
7) Trichlorofluoromethane	1.91	101	31552	19.274	ug/l	98
8) Diethyl Ether	2.17	74	11666	20.622	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22630	18.664	ug/l #	84
10) Methyl Iodide	2.50	142	9783	13.844	ug/l	90
11) Tert butyl alcohol	3.04	59	16848	107.174	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21039	18.013	ug/l	89
13) Acrolein	2.28	56	6030	138.660	ug/l	86
14) Allyl chloride	2.71	41	39436	18.660	ug/l	96
15) Acrylonitrile	3.13	53	37030	104.170	ug/l	98
16) Acetone	2.43	43	35591	90.979	ug/l	95
17) Carbon Disulfide	2.56	76	51291	15.026	ug/l	100
18) Methyl Acetate	2.76	43	20455	22.196	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	76978	20.244	ug/l	98
20) Methylene Chloride	2.84	84	30343	19.316	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	25075	18.294	ug/l	89
22) Diisopropyl ether	3.84	45	87278	20.261	ug/l	96
23) Vinyl Acetate	3.80	43	279820	100.414	ug/l	98
24) 1,1-Dichloroethane	3.69	63	48269	19.320	ug/l	99
25) 2-Butanone	4.66	43	51252	102.923	ug/l	93
26) 2,2-Dichloropropane	4.56	77	42708	18.515	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	30075	18.719	ug/l	90
28) Bromochloromethane	5.00	49	21216	21.273	ug/l #	81
29) Tetrahydrofuran	5.11	42	32196	107.311	ug/l	98
30) Chloroform	5.19	83	52813	19.700	ug/l	98
31) Cyclohexane	5.56	56	35814	17.849	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	45390	19.440	ug/l	96
36) 1,1-Dichloropropene	5.78	75	35222	18.248	ug/l	95
37) Ethyl Acetate	4.82	43	21472	20.457	ug/l	98
38) Carbon Tetrachloride	5.77	117	37822	18.596	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	37584	16.777	ug/l	94
40) Benzene	6.13	78	101841	18.379	ug/l	98
41) Methacrylonitrile	5.03	41	12695	20.281	ug/l	95
42) 1,2-Dichloroethane	6.18	62	40966	20.544	ug/l	97
43) Isopropyl Acetate	6.43	43	43750	20.499	ug/l	98
44) Trichloroethene	7.20	130	27328	18.285	ug/l	85
45) 1,2-Dichloropropane	7.51	63	28010	19.565	ug/l	99
46) Dibromomethane	7.65	93	16391	19.613	ug/l #	72
47) Bromodichloromethane	7.89	83	40245	18.945	ug/l	96
48) Methyl methacrylate	7.76	41	21451	19.990	ug/l	96
49) 1,4-Dioxane	7.73	88	6227	425.670	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	113567	104.617	ug/l	98
52) Toluene	8.78	92	67352	18.681	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	39559	17.987	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	46091	18.846	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	23282	19.486	ug/l	95
56) Ethyl methacrylate	9.17	69	32895	19.221	ug/l	93
57) 1,3-Dichloropropane	9.37	76	41158	19.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	78782	102.104	ug/l	94
59) 2-Hexanone	9.49	43	80544	101.684	ug/l	97
60) Dibromochloromethane	9.57	129	27204	19.104	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22498	19.486	ug/l	98
64) Tetrachloroethene	9.33	164	24186	19.071	ug/l #	82
65) Chlorobenzene	10.14	112	74340	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	27820	18.957	ug/l	98
67) Ethyl Benzene	10.25	91	133888	18.301	ug/l	97
68) m/p-Xylenes	10.35	106	97631	36.220	ug/l	87
69) o-Xylene	10.70	106	47699	18.249	ug/l	90
70) Styrene	10.71	104	85077	18.740	ug/l	94
71) Bromoform	10.85	173	14759	18.310	ug/l #	97
73) Isopropylbenzene	11.01	105	131343	18.308	ug/l	97
74) N-amyl acetate	10.89	43	41335	19.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	28954	19.359	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	22824m	19.105	ug/l	
77) Bromobenzene	11.25	156	30389	18.940	ug/l	69
78) n-propylbenzene	11.35	91	160784	18.551	ug/l	93
79) 2-Chlorotoluene	11.42	91	97860	18.637	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	115084	18.305	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	8527	16.874	ug/l	91
82) 4-Chlorotoluene	11.51	91	117283	18.740	ug/l	91
83) tert-Butylbenzene	11.76	119	114356	19.084	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	120181	18.599	ug/l	94
85) sec-Butylbenzene	11.94	105	138620	18.625	ug/l	94
86) p-Isopropyltoluene	12.06	119	122737	18.133	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	61990	19.281	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	60361	18.776	ug/l	92
89) n-Butylbenzene	12.38	91	120105	18.266	ug/l	96
90) Hexachloroethane	12.59	117	23825	17.629	ug/l	55
91) 1,2-Dichlorobenzene	12.38	146	56345	19.459	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6042	19.305	ug/l	60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35440	17.196	ug/l	95
94) Hexachlorobutadiene	13.77	225	18398	17.709	ug/l	98
95) Naphthalene	13.83	128	81212	18.207	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31974	17.634	ug/l	94

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

