

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013583.D
 Acq On : 25 Nov 2019 16:00
 Operator : JC/SP
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:13:26 PM

Quant Time: Nov 25 16:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	954840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	849349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	376585	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	5.49	113	312372	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	8.71	98	1158652	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.14	95	420461	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111414	15.717	ug/l	98
3) Chloromethane	1.32	50	135237	17.592	ug/l	100
4) Vinyl Chloride	1.40	62	152741	17.453	ug/l	99
5) Bromomethane	1.63	94	94710	15.529	ug/l	99
6) Chloroethane	1.72	64	89511	17.109	ug/l	98
7) Trichlorofluoromethane	1.92	101	172982	16.730	ug/l	100
8) Diethyl Ether	2.18	74	89835	19.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107444	18.644	ug/l	98
10) Methyl Iodide	2.50	142	123939	17.371	ug/l	98
11) Tert butyl alcohol	3.03	59	180401	93.906	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106709	18.908	ug/l	98
13) Acrolein	2.28	56	149596	143.680	ug/l	96
14) Allyl chloride	2.72	41	207028	20.190	ug/l	95
15) Acrylonitrile	3.13	53	384698	107.203	ug/l	99
16) Acetone	2.43	43	343982	94.617	ug/l	98
17) Carbon Disulfide	2.56	76	236379	15.649	ug/l	98
18) Methyl Acetate	2.76	43	225099	22.427	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	407755	21.663	ug/l	97
20) Methylene Chloride	2.84	84	130214	19.386	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	115159	18.741	ug/l	96
22) Diisopropyl ether	3.84	45	438017	22.126	ug/l	97
23) Vinyl Acetate	3.80	43	1761831	104.006	ug/l	99
24) 1,1-Dichloroethane	3.69	63	229764	20.748	ug/l	98
25) 2-Butanone	4.65	43	543676	101.939	ug/l	100
26) 2,2-Dichloropropane	4.57	77	179647	20.392	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	141948	20.622	ug/l	98
28) Bromochloromethane	5.01	49	70211	22.329	ug/l	97
29) Tetrahydrofuran	5.11	42	343375	104.477	ug/l	99
30) Chloroform	5.20	83	228187	20.867	ug/l	94
31) Cyclohexane	5.58	56	178861	17.949	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	183930	19.545	ug/l	98
36) 1,1-Dichloropropene	5.79	75	155927	19.036	ug/l	100
37) Ethyl Acetate	4.82	43	205295	20.283	ug/l	99
38) Carbon Tetrachloride	5.78	117	149817	18.703	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182216	17.853	ug/l	98
40) Benzene	6.14	78	506277	19.842	ug/l	99
41) Methacrylonitrile	5.03	41	119166	21.005	ug/l	96
42) 1,2-Dichloroethane	6.18	62	179717	19.527	ug/l	96
43) Isopropyl Acetate	6.43	43	331590	21.038	ug/l	100
44) Trichloroethene	7.20	130	132526	18.869	ug/l	99
45) 1,2-Dichloropropane	7.51	63	135473	20.838	ug/l	97
46) Dibromomethane	7.65	93	86472	19.480	ug/l	96
47) Bromodichloromethane	7.89	83	172625	20.623	ug/l	96
48) Methyl methacrylate	7.76	41	163738	20.811	ug/l	97
49) 1,4-Dioxane	7.73	88	68290	379.011	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1073175	103.780	ug/l	99
52) Toluene	8.78	92	315932	19.977	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	188934	20.642	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	207209	20.238	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	138555	21.137	ug/l	99
56) Ethyl methacrylate	9.17	69	215680	20.234	ug/l	98
57) 1,3-Dichloropropane	9.37	76	232174	20.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	466978	104.191	ug/l	100
59) 2-Hexanone	9.48	43	817824	102.341	ug/l	99
60) Dibromochloromethane	9.58	129	139730	20.843	ug/l	98
61) 1,2-Dibromoethane	9.67	107	141208	20.287	ug/l	99
64) Tetrachloroethene	9.33	164	116197	19.111	ug/l	98
65) Chlorobenzene	10.14	112	344116	20.012	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	128733	20.389	ug/l	98
67) Ethyl Benzene	10.25	91	585647	19.734	ug/l	100
68) m/p-Xylenes	10.35	106	446520	39.783	ug/l	100
69) o-Xylene	10.70	106	218177	19.855	ug/l	99
70) Styrene	10.71	104	377458	20.549	ug/l	99
71) Bromoform	10.85	173	105640	20.092	ug/l #	99
73) Isopropylbenzene	11.01	105	581787	20.690	ug/l	100
74) N-amyl acetate	10.89	43	285351	21.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	222345	21.674	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202189m	23.471	ug/l	
77) Bromobenzene	11.25	156	157146	20.963	ug/l	99
78) n-propylbenzene	11.35	91	648509	20.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	393619	20.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	487021	20.793	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67400	20.139	ug/l	98
82) 4-Chlorotoluene	11.51	91	452504	20.483	ug/l	99
83) tert-Butylbenzene	11.76	119	497110	21.084	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	492536	20.963	ug/l	99
85) sec-Butylbenzene	11.94	105	562169	20.746	ug/l	99
86) p-Isopropyltoluene	12.06	119	509924	20.436	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270667	20.256	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	273349	20.078	ug/l	100
89) n-Butylbenzene	12.39	91	427200	19.621	ug/l	99
90) Hexachloroethane	12.59	117	91461	20.572	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	280721	21.017	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47138	18.860	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	192293	20.639	ug/l	95
94) Hexachlorobutadiene	13.78	225	84967	18.640	ug/l	99
95) Naphthalene	13.83	128	608423	20.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191982	20.546	ug/l	98

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

