

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018928.D
 Acq On : 13 Oct 2020 13:35
 Operator : JC/SP
 Sample : VX1013WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:08:26 PM

Quant Time: Oct 14 02:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	258494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	373013	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	354351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173224	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
35) Dibromofluoromethane	5.46	113	129871	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.70	98	438457	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.12	95	173436	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	56866	19.620	ug/l	99
3) Chloromethane	1.31	50	53687	22.159	ug/l	97
4) Vinyl Chloride	1.39	62	56537	20.876	ug/l	99
5) Bromomethane	1.64	94	35623	23.617	ug/l	94
6) Chloroethane	1.72	64	34557	19.052	ug/l	100
7) Trichlorofluoromethane	1.92	101	93590	17.532	ug/l	98
8) Diethyl Ether	2.17	74	28998	20.121	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48558	18.940	ug/l	96
10) Methyl Iodide	2.49	142	36371	16.416	ug/l	94
11) Tert butyl alcohol	3.01	59	53176	88.558	ug/l	97
12) 1,1-Dichloroethene	2.36	96	45816	19.640	ug/l	97
13) Acrolein	2.27	56	33103	66.259	ug/l	97
14) Allyl chloride	2.70	41	84658	19.559	ug/l	93
15) Acrylonitrile	3.11	53	124715	97.931	ug/l	99
16) Acetone	2.42	43	141129	94.852	ug/l	99
17) Carbon Disulfide	2.55	76	129667	18.523	ug/l	100
18) Methyl Acetate	2.75	43	63955	20.180	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	142771	17.837	ug/l	99
20) Methylene Chloride	2.84	84	54170	20.223	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	50595	18.273	ug/l	96
22) Diisopropyl ether	3.82	45	154374	19.928	ug/l #	83
23) Vinyl Acetate	3.78	43	709407	95.221	ug/l	100
24) 1,1-Dichloroethane	3.67	63	97879	18.793	ug/l	98
25) 2-Butanone	4.63	43	194305	94.094	ug/l	95
26) 2,2-Dichloropropane	4.55	77	89012	17.713	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	54833	17.832	ug/l	100
28) Bromochloromethane	4.97	49	43802	19.984	ug/l	91
29) Tetrahydrofuran	5.09	42	103116	93.071	ug/l	97
30) Chloroform	5.17	83	101226	17.641	ug/l	96
31) Cyclohexane	5.54	56	66096	18.561	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	92259	16.919	ug/l	99
36) 1,1-Dichloropropene	5.76	75	70114	17.878	ug/l	97
37) Ethyl Acetate	4.79	43	73295	19.353	ug/l	100
38) Carbon Tetrachloride	5.75	117	86112	17.715	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	60178	16.646	ug/l	94
40) Benzene	6.11	78	196540	18.653	ug/l	100
41) Methacrylonitrile	5.00	41	39561	18.006	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86815	17.575	ug/l	100
43) Isopropyl Acetate	6.40	43	112758	17.915	ug/l	99
44) Trichloroethene	7.18	130	54331	17.194	ug/l	99
45) 1,2-Dichloropropane	7.49	63	49242	17.662	ug/l	97
46) Dibromomethane	7.63	93	34509	16.749	ug/l	93
47) Bromodichloromethane	7.87	83	75704	16.956	ug/l	99
48) Methyl methacrylate	7.74	41	51575	16.149	ug/l	96
49) 1,4-Dioxane	7.71	88	13839	309.034	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	323983	88.192	ug/l	99
52) Toluene	8.76	92	124091	18.352	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	78116	16.897	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	81953	17.233	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	52165	17.961	ug/l	97
56) Ethyl methacrylate	9.16	69	63641	17.064	ug/l	98
57) 1,3-Dichloropropane	9.35	76	84516	17.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	178663	85.022	ug/l	99
59) 2-Hexanone	9.47	43	240147	85.801	ug/l	98
60) Dibromochloromethane	9.56	129	62532	17.151	ug/l	97
61) 1,2-Dibromoethane	9.65	107	53248	17.096	ug/l	95
64) Tetrachloroethene	9.32	164	52232	19.463	ug/l	95
65) Chlorobenzene	10.12	112	134929	17.620	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	55911	17.698	ug/l	98
67) Ethyl Benzene	10.23	91	223490	17.300	ug/l	98
68) m/p-Xylenes	10.34	106	177424	36.150	ug/l	98
69) o-Xylene	10.68	106	78862	17.054	ug/l	98
70) Styrene	10.70	104	144294	18.432	ug/l	97
71) Bromoform	10.84	173	49337	18.056	ug/l #	99
73) Isopropylbenzene	11.00	105	225454	16.859	ug/l	100
74) N-amyl acetate	10.88	43	83693	15.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	74467	16.707	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	72731m	16.512	ug/l	
77) Bromobenzene	11.24	156	67184	18.289	ug/l	97
78) n-propylbenzene	11.34	91	266713	17.503	ug/l	100
79) 2-Chlorotoluene	11.40	91	165591	17.433	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	205275	17.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24453	15.733	ug/l	99
82) 4-Chlorotoluene	11.49	91	199314	17.647	ug/l	99
83) tert-Butylbenzene	11.76	119	191368	16.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	206000	17.716	ug/l	99
85) sec-Butylbenzene	11.93	105	222651	17.253	ug/l	100
86) p-Isopropyltoluene	12.05	119	213012	17.399	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117505	17.417	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	120025	17.564	ug/l	100
89) n-Butylbenzene	12.37	91	185641	17.451	ug/l	100
90) Hexachloroethane	12.58	117	37140	16.317	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	110042	17.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17845	15.655	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72888	17.692	ug/l	96
94) Hexachlorobutadiene	13.76	225	35488	19.393	ug/l	98
95) Naphthalene	13.82	128	202886	16.919	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74113	18.387	ug/l	99

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

