

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019568.D
 Acq On : 23 Nov 2020 22:52
 Operator : JC/MD
 Sample : VX1123WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:37 PM

Quant Time: Nov 24 05:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	472985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180792	50.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.00%
35) Dibromofluoromethane	5.46	113	146991	49.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.02%
50) Toluene-d8	8.70	98	540366	46.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.68%
62) 4-Bromofluorobenzene	11.12	95	195508	47.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50131	18.671	ug/l 98
3) Chloromethane	1.31	50	52289	16.971	ug/l 98
4) Vinyl Chloride	1.39	62	60742	18.314	ug/l 99
5) Bromomethane	1.62	94	22465	17.882	ug/l 96
6) Chloroethane	1.70	64	22721	26.096	ug/l 95
7) Trichlorofluoromethane	1.90	101	91776	19.171	ug/l 95
8) Diethyl Ether	2.17	74	38146	19.897	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50446	18.889	ug/l 98
10) Methyl Iodide	2.48	142	62831	17.908	ug/l 100
11) Tert butyl alcohol	3.04	59	70116	103.490	ug/l 99
12) 1,1-Dichloroethene	2.35	96	52614	19.194	ug/l 96
13) Acrolein	2.28	56	33483	73.521	ug/l 99
14) Allyl chloride	2.70	41	75803	17.652	ug/l 97
15) Acrylonitrile	3.12	53	150616	94.264	ug/l 99
16) Acetone	2.42	43	124355	89.823	ug/l 100
17) Carbon Disulfide	2.54	76	123626	16.787	ug/l 99
18) Methyl Acetate	2.75	43	66397	19.946	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	192743	20.370	ug/l 95
20) Methylene Chloride	2.83	84	61431	17.753	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	58120	18.714	ug/l 94
22) Diisopropyl ether	3.82	45	174155	19.604	ug/l 98
23) Vinyl Acetate	3.78	43	729888	97.953	ug/l 100
24) 1,1-Dichloroethane	3.67	63	104725	19.273	ug/l 99
25) 2-Butanone	4.64	43	193191	92.894	ug/l 98
26) 2,2-Dichloropropane	4.54	77	77663	16.375	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	70103	19.650	ug/l 97
28) Bromochloromethane	4.98	49	46049	17.726	ug/l 95
29) Tetrahydrofuran	5.09	42	123847	93.332	ug/l 97
30) Chloroform	5.18	83	110698	19.483	ug/l 98
31) Cyclohexane	5.54	56	86932	18.670	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	96458	19.764	ug/l 99
36) 1,1-Dichloropropene	5.76	75	80349	18.120	ug/l 99
37) Ethyl Acetate	4.79	43	78054	18.750	ug/l 98
38) Carbon Tetrachloride	5.75	117	79421	18.504	ug/l 95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	88992	17.236	ug/l	98
40) Benzene	6.11	78	251597	18.467	ug/l	100
41) Methacrylonitrile	5.01	41	41860	18.235	ug/l	99
42) 1,2-Dichloroethane	6.16	62	87847	18.812	ug/l	99
43) Isopropyl Acetate	6.42	43	125677	17.960	ug/l	100
44) Trichloroethene	7.18	130	76573	21.457	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61701	18.396	ug/l	97
46) Dibromomethane	7.63	93	42909	18.692	ug/l	99
47) Bromodichloromethane	7.87	83	80451	18.061	ug/l	95
48) Methyl methacrylate	7.74	41	61319	18.711	ug/l	99
49) 1,4-Dioxane	7.72	88	28825	387.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	378691	92.803	ug/l	99
52) Toluene	8.76	92	153916	18.467	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	85212	17.713	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96266	18.031	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61863	18.225	ug/l	97
56) Ethyl methacrylate	9.16	69	90816	18.908	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105096	18.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243376	86.476	ug/l	98
59) 2-Hexanone	9.48	43	285659	92.303	ug/l	99
60) Dibromochloromethane	9.56	129	60137	18.088	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64298	18.377	ug/l	98
64) Tetrachloroethene	9.32	164	56263	17.495	ug/l	97
65) Chlorobenzene	10.12	112	157907	18.772	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	58444	19.101	ug/l	99
67) Ethyl Benzene	10.23	91	281035	19.071	ug/l	98
68) m/p-Xylenes	10.34	106	208756	38.023	ug/l	100
69) o-Xylene	10.68	106	102184	19.470	ug/l	99
70) Styrene	10.70	104	170469	18.615	ug/l	99
71) Bromoform	10.84	173	40951	18.264	ug/l #	99
73) Isopropylbenzene	11.00	105	272907	20.433	ug/l	100
74) N-amyl acetate	10.88	43	102894	20.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94829	19.854	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85136m	20.206	ug/l	
77) Bromobenzene	11.24	156	67862	19.903	ug/l	98
78) n-propylbenzene	11.34	91	298799	19.501	ug/l	100
79) 2-Chlorotoluene	11.40	91	187496	20.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228150	20.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25570	19.237	ug/l	97
82) 4-Chlorotoluene	11.49	91	213590	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	223499	20.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	227224	20.044	ug/l	99
85) sec-Butylbenzene	11.93	105	249153	19.321	ug/l	99
86) p-Isopropyltoluene	12.05	119	228608	19.526	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118394	18.908	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119463	18.522	ug/l	99
89) n-Butylbenzene	12.37	91	184851	17.464	ug/l	99
90) Hexachloroethane	12.58	117	36598	18.681	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	118817	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18772	19.265	ug/l	98

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73225	18.136	ug/l	98
94) Hexachlorobutadiene	13.76	225	31041	16.876	ug/l	96
95) Naphthalene	13.82	128	249977	18.967	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74218	18.377	ug/l	99

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

