

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019569.D
 Acq On : 23 Nov 2020 23:15
 Operator : JC/MD
 Sample : VX1123WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:41 PM

Quant Time: Nov 24 05:08:22 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	281785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176598	48.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.68%
35) Dibromofluoromethane	5.46	113	142320	47.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.88%
50) Toluene-d8	8.70	98	539524	46.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.56%
62) 4-Bromofluorobenzene	11.12	95	195012	46.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	49786	18.169	ug/l 96
3) Chloromethane	1.31	50	53156	16.905	ug/l 100
4) Vinyl Chloride	1.39	62	60604	17.904	ug/l 99
5) Bromomethane	1.62	94	23665	18.458	ug/l 98
6) Chloroethane	1.69	64	17732	18.868	ug/l 99
7) Trichlorofluoromethane	1.90	101	91008	18.628	ug/l 100
8) Diethyl Ether	2.17	74	37855	19.347	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50450	18.510	ug/l 99
10) Methyl Iodide	2.48	142	65128	18.189	ug/l 100
11) Tert butyl alcohol	3.05	59	70819	102.422	ug/l 99
12) 1,1-Dichloroethene	2.35	96	52188	18.655	ug/l 94
13) Acrolein	2.28	56	32228	69.340	ug/l 97
14) Allyl chloride	2.70	41	76145	17.375	ug/l 98
15) Acrylonitrile	3.12	53	153133	93.908	ug/l 99
16) Acetone	2.43	43	123269	87.245	ug/l 98
17) Carbon Disulfide	2.54	76	125105	16.646	ug/l 99
18) Methyl Acetate	2.75	43	66063	19.462	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	193395	20.027	ug/l 97
20) Methylene Chloride	2.83	84	62886	17.808	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	59140	18.658	ug/l 99
22) Diisopropyl ether	3.82	45	174782	19.278	ug/l 97
23) Vinyl Acetate	3.78	43	736353	96.830	ug/l 99
24) 1,1-Dichloroethane	3.67	63	103979	18.751	ug/l 99
25) 2-Butanone	4.64	43	194818	91.789	ug/l 100
26) 2,2-Dichloropropane	4.54	77	76443	15.793	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71766	19.711	ug/l 99
28) Bromochloromethane	4.98	49	48712	18.373	ug/l 98
29) Tetrahydrofuran	5.09	42	126178	93.174	ug/l 99
30) Chloroform	5.17	83	111436	19.218	ug/l 97
31) Cyclohexane	5.54	56	87179	18.346	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	95013	19.075	ug/l 99
36) 1,1-Dichloropropene	5.76	75	80434	17.953	ug/l 99
37) Ethyl Acetate	4.80	43	79293	18.852	ug/l 100
38) Carbon Tetrachloride	5.74	117	79411	18.312	ug/l 96

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Quant Time: Nov 24 05:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89146	17.089	ug/l	98
40) Benzene	6.11	78	250527	18.200	ug/l	99
41) Methacrylonitrile	5.00	41	42031	18.122	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88775	18.815	ug/l	100
43) Isopropyl Acetate	6.41	43	127385	18.017	ug/l	99
44) Trichloroethene	7.18	130	74852	20.759	ug/l	98
45) 1,2-Dichloropropane	7.49	63	62106	18.327	ug/l	99
46) Dibromomethane	7.63	93	43867	18.913	ug/l	98
47) Bromodichloromethane	7.87	83	83351	18.520	ug/l	99
48) Methyl methacrylate	7.74	41	61039	18.434	ug/l	97
49) 1,4-Dioxane	7.72	88	29538	392.884	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	384490	93.257	ug/l	100
52) Toluene	8.76	92	156700	18.608	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87442	17.990	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	98282	18.220	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64251	18.734	ug/l	99
56) Ethyl methacrylate	9.16	69	91261	18.805	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107658	18.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246100	86.546	ug/l	98
59) 2-Hexanone	9.48	43	289593	92.613	ug/l	99
60) Dibromochloromethane	9.56	129	62010	18.459	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65993	18.668	ug/l	98
64) Tetrachloroethene	9.32	164	56719	17.415	ug/l	92
65) Chlorobenzene	10.12	112	160541	18.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59791	19.296	ug/l	99
67) Ethyl Benzene	10.23	91	288120	19.306	ug/l	100
68) m/p-Xylenes	10.34	106	212878	38.288	ug/l	99
69) o-Xylene	10.68	106	103705	19.512	ug/l	99
70) Styrene	10.70	104	171352	18.489	ug/l	99
71) Bromoform	10.84	173	43268	18.899	ug/l #	96
73) Isopropylbenzene	11.00	105	276107	20.198	ug/l	99
74) N-amyl acetate	10.88	43	103311	20.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96142	19.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86050m	19.954	ug/l	
77) Bromobenzene	11.24	156	69524	19.922	ug/l	98
78) n-propylbenzene	11.34	91	302432	19.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	188594	19.829	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	229258	19.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25930	19.098	ug/l	94
82) 4-Chlorotoluene	11.49	91	217633	19.438	ug/l	100
83) tert-Butylbenzene	11.76	119	226789	20.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	232613	20.048	ug/l	99
85) sec-Butylbenzene	11.93	105	247221	18.731	ug/l	99
86) p-Isopropyltoluene	12.05	119	229929	19.187	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121593	18.972	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	123485	18.705	ug/l	99
89) n-Butylbenzene	12.37	91	188003	17.354	ug/l	98
90) Hexachloroethane	12.58	117	37573	18.738	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	125581	19.509	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19466	19.518	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75428	18.252	ug/l	99
94) Hexachlorobutadiene	13.76	225	32676	17.357	ug/l	94
95) Naphthalene	13.82	128	258817	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76826	18.585	ug/l	98

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

