

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050120\
 Data File : VX016023.D
 Acq On : 01 May 2020 19:41
 Operator : JC/SP
 Sample : L2469-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ191I-20200429MS

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:20:03 PM

Quant Time: May 02 08:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	267812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	441085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	180105	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.47	113	136678	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.70	98	517977	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	205043	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122722	51.209	ug/l	99
3) Chloromethane	1.31	50	147851	50.905	ug/l	99
4) Vinyl Chloride	1.39	62	174034	52.762	ug/l	100
5) Bromomethane	1.62	94	88149	39.808	ug/l	98
6) Chloroethane	1.70	64	110833	50.515	ug/l	100
7) Trichlorofluoromethane	1.91	101	229336	46.000	ug/l	99
8) Diethyl Ether	2.17	74	100492	48.282	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128554	51.729	ug/l	98
10) Methyl Iodide	2.49	142	170085	49.062	ug/l	98
11) Tert butyl alcohol	3.02	59	231562	272.435	ug/l	100
12) 1,1-Dichloroethene	2.36	96	133876	52.248	ug/l	98
13) Acrolein	2.27	56	69548	325.590	ug/l	99
14) Allyl chloride	2.71	41	248455	53.774	ug/l	96
15) Acrylonitrile	3.12	53	467957	277.665	ug/l	100
16) Acetone	2.42	43	413061	275.866	ug/l	100
17) Carbon Disulfide	2.55	76	381170	50.996	ug/l	99
18) Methyl Acetate	2.75	43	222639	52.398	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	493895	53.293	ug/l	98
20) Methylene Chloride	2.84	84	154988	52.288	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	145318	50.322	ug/l	100
22) Diisopropyl ether	3.82	45	492999	54.273	ug/l	98
23) Vinyl Acetate	3.79	43	2023413	256.428	ug/l	100
24) 1,1-Dichloroethane	3.67	63	297940	58.879	ug/l	99
25) 2-Butanone	4.64	43	667717	275.190	ug/l	100
26) 2,2-Dichloropropane	4.56	77	219374	47.415	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	168710	51.483	ug/l	99
28) Bromochloromethane	4.98	49	125091	51.085	ug/l	97
29) Tetrahydrofuran	5.09	42	436101	274.252	ug/l	99
30) Chloroform	5.18	83	275277	52.316	ug/l	99
31) Cyclohexane	5.55	56	239001	53.054	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	249504	51.500	ug/l	100
36) 1,1-Dichloropropene	5.78	75	201415	47.944	ug/l	100
37) Ethyl Acetate	4.80	43	243940	50.639	ug/l	100
38) Carbon Tetrachloride	5.76	117	217938	49.115	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	238396	49.059	ug/l	97
40) Benzene	6.12	78	610882	50.963	ug/l	100
41) Methacrylonitrile	5.01	41	138430	53.685	ug/l	97
42) 1,2-Dichloroethane	6.17	62	229400	49.392	ug/l	100
43) Isopropyl Acetate	6.42	43	395229	49.545	ug/l	99
44) Trichloroethene	7.19	130	205912	47.659	ug/l	98
45) 1,2-Dichloropropane	7.49	63	159535	51.498	ug/l	98
46) Dibromomethane	7.64	93	107700	48.926	ug/l	98
47) Bromodichloromethane	7.88	83	222359	50.833	ug/l	98
48) Methyl methacrylate	7.75	41	193338	52.494	ug/l	97
49) 1,4-Dioxane	7.71	88	91226	1052.887	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1278000	264.124	ug/l	98
52) Toluene	8.77	92	384657	50.554	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	255818	49.287	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	264193	49.491	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	156828	51.576	ug/l	99
56) Ethyl methacrylate	9.16	69	259359	52.456	ug/l	97
57) 1,3-Dichloropropane	9.35	76	268961	51.481	ug/l	98
59) 2-Hexanone	9.48	43	1003198	265.296	ug/l	98
60) Dibromochloromethane	9.57	129	175113	51.453	ug/l	97
61) 1,2-Dibromoethane	9.65	107	169728	51.475	ug/l	100
64) Tetrachloroethene	9.32	164	235715	47.944	ug/l	95
65) Chlorobenzene	10.12	112	414951	49.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	159792	50.087	ug/l	99
67) Ethyl Benzene	10.24	91	737529	49.063	ug/l	100
68) m/p-Xylenes	10.34	106	563008	98.703	ug/l	100
69) o-Xylene	10.68	106	273575	50.516	ug/l	98
70) Stvrene	10.70	104	479506	51.601	ug/l	99
71) Bromoform	10.84	173	130863	45.315	ug/l #	98
73) Isopropylbenzene	11.01	105	732968	51.324	ug/l	100
74) N-amyl acetate	10.88	43	334688	48.592	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	159153	48.156	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	227893m	51.734	ug/l	
77) Bromobenzene	11.24	156	185749	50.529	ug/l	97
78) n-propylbenzene	11.35	91	842467	51.280	ug/l	99
79) 2-Chlorotoluene	11.41	91	500953	51.179	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	623791	51.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93192	49.994	ug/l	97
82) 4-Chlorotoluene	11.49	91	591436	50.519	ug/l	100
83) tert-Butylbenzene	11.76	119	530584	51.151	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	630531	52.078	ug/l	99
85) sec-Butylbenzene	11.93	105	716427	51.264	ug/l	99
86) p-Isopropyltoluene	12.05	119	652850	49.873	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322087	48.046	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	327453	48.332	ug/l	98
89) n-Butylbenzene	12.37	91	584861	49.448	ug/l	100
90) Hexachloroethane	12.58	117	117552	50.825	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	320115	49.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59669	50.608	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	226426	47.060	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	95336	44.349	ug/l	99
95) Naphthalene	13.82	128	770251	50.758	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	226590	48.909	ug/l	97

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

