

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016672.D
 Acq On : 10 Jun 2020 14:16
 Operator : JC/SP
 Sample : L2962-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MS

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:11 PM

Quant Time: Jun 11 03:58:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	321316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	130728	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.46	113	105455	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.70	98	395591	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.12	95	156272	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	93822	42.700	ug/l	100
3) Chloromethane	1.31	50	106937	40.273	ug/l	99
4) Vinyl Chloride	1.39	62	119270	42.474	ug/l	98
5) Bromomethane	1.62	94	64654	47.354	ug/l	100
6) Chloroethane	1.70	64	75740	46.239	ug/l	98
7) Trichlorofluoromethane	1.91	101	187216	50.767	ug/l	98
8) Diethyl Ether	2.17	74	71916	46.768	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101737	50.126	ug/l	98
10) Methyl Iodide	2.49	142	113982	47.189	ug/l	99
11) Tert butyl alcohol	3.02	59	158838	223.394	ug/l	99
12) 1,1-Dichloroethene	2.36	96	104176	48.491	ug/l	99
13) Acrolein	2.27	56	65535	216.673	ug/l	95
14) Allyl chloride	2.70	41	167098	42.293	ug/l	96
15) Acrylonitrile	3.12	53	326928	224.464	ug/l	99
16) Acetone	2.42	43	273655	225.266	ug/l	100
17) Carbon Disulfide	2.55	76	260860	40.888	ug/l	100
18) Methyl Acetate	2.75	43	146851	47.132	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377135	48.886	ug/l	97
20) Methylene Chloride	2.83	84	116437	46.327	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	111785	47.041	ug/l	96
22) Diisopropyl ether	3.82	45	334630	44.089	ug/l	97
23) Vinyl Acetate	3.78	43	1460989	219.912	ug/l	96
24) 1,1-Dichloroethane	3.67	63	202012	47.156	ug/l	99
25) 2-Butanone	4.64	43	442107	214.777	ug/l	93
26) 2,2-Dichloropropane	4.55	77	182395	52.032	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	131191	47.721	ug/l	97
28) Bromochloromethane	4.98	49	82984	41.685	ug/l	83
29) Tetrahydrofuran	5.09	42	285333	214.559	ug/l	93
30) Chloroform	5.18	83	215152	49.845	ug/l	99
31) Cyclohexane	5.55	56	156475	40.601	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	198428	50.777	ug/l	98
36) 1,1-Dichloropropene	5.77	75	151619	47.082	ug/l	98
37) Ethyl Acetate	4.79	43	165584	42.828	ug/l	97
38) Carbon Tetrachloride	5.76	117	178788	52.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160841	45.984	ug/l	97
40) Benzene	6.11	78	466585	48.654	ug/l	98
41) Methacrylonitrile	5.01	41	90864	42.786	ug/l	95
42) 1,2-Dichloroethane	6.17	62	168794	49.493	ug/l	100
43) Isopropyl Acetate	6.41	43	266181	44.138	ug/l	97
44) Trichloroethene	7.19	130	147842	48.589	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115803	47.433	ug/l	99
46) Dibromomethane	7.64	93	81641	49.787	ug/l	95
47) Bromodichloromethane	7.88	83	173873	51.209	ug/l	98
48) Methyl methacrylate	7.74	41	129684	44.912	ug/l	94
49) 1,4-Dioxane	7.71	88	61258	906.527	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	864112	230.119	ug/l	98
52) Toluene	8.77	92	298919	49.430	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	193893	50.220	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	199040	48.706	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	123434	51.336	ug/l	97
56) Ethyl methacrylate	9.16	69	192435	49.142	ug/l	95
57) 1,3-Dichloropropane	9.35	76	205375	49.763	ug/l	99
59) 2-Hexanone	9.48	43	666001	228.071	ug/l	97
60) Dibromochloromethane	9.57	129	145243	53.677	ug/l	99
61) 1,2-Dibromoethane	9.65	107	131984	51.260	ug/l	100
64) Tetrachloroethene	9.32	164	168939	46.995	ug/l	99
65) Chlorobenzene	10.12	112	877595	133.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	132344	52.925	ug/l	99
67) Ethyl Benzene	10.24	91	567666	48.672	ug/l	100
68) m/p-Xylenes	10.34	106	436345	100.904	ug/l	98
69) o-Xylene	10.68	106	209567	50.041	ug/l	98
70) Styrene	10.70	104	370834	51.516	ug/l	100
71) Bromoform	10.84	173	117025	55.374	ug/l #	99
73) Isopropylbenzene	11.00	105	557745	47.333	ug/l	99
74) N-amyl acetate	10.88	43	225663	41.634	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	153538	51.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	173691m	46.465	ug/l	
77) Bromobenzene	11.24	156	150195	48.597	ug/l	94
78) n-propylbenzene	11.34	91	621884	47.238	ug/l	99
79) 2-Chlorotoluene	11.40	91	379152	47.183	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	479734	48.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68464	45.052	ug/l	99
82) 4-Chlorotoluene	11.49	91	448920	47.308	ug/l	99
83) tert-Butylbenzene	11.76	119	420123	49.973	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	483482	48.589	ug/l	99
85) sec-Butylbenzene	11.93	105	507838	48.153	ug/l	99
86) p-Isopropyltoluene	12.05	119	488514	49.449	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	416821	77.846	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	696244	127.140	ug/l	98
89) n-Butylbenzene	12.37	91	396411	48.174	ug/l	99
90) Hexachloroethane	12.58	117	87214	51.109	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	2456659	473.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44906	46.945	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	186548	54.146	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	74799	55.296	ug/l	98
95) Naphthalene	13.82	128	586452	49.654	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	180670	53.527	ug/l	98

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

