

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016595.D
 Acq On : 04 Jun 2020 20:32
 Operator : JC/SP
 Sample : L2894-17MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MSD

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:28 AM

Quant Time: Jun 05 07:51:38 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	228647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	357340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168943	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136581	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	111051	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.70	98	426395	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.12	95	164962	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	106462	47.314	ug/l	96
3) Chloromethane	1.31	50	128259	47.168	ug/l	100
4) Vinyl Chloride	1.39	62	6574259	2286.198	ug/l	94
5) Bromomethane	1.62	94	68907	49.283	ug/l	100
6) Chloroethane	1.70	64	83391	49.713	ug/l	99
7) Trichlorofluoromethane	1.92	101	195230	51.696	ug/l	98
8) Diethyl Ether	2.17	74	77525	49.230	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103129	49.617	ug/l	98
10) Methyl Iodide	2.49	142	100353	40.998	ug/l	99
11) Tert butyl alcohol	3.01	59	166693	228.931	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142499	64.770	ug/l	99
13) Acrolein	2.27	56	72710	234.745	ug/l	99
14) Allyl chloride	2.71	41	170364	42.106	ug/l	98
15) Acrylonitrile	3.12	53	363373	243.623	ug/l	99
16) Acetone	2.42	43	297315	238.990	ug/l	99
17) Carbon Disulfide	2.55	76	296864	45.438	ug/l	100
18) Methyl Acetate	2.75	43	150868	47.283	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	403875	51.122	ug/l	97
20) Methylene Chloride	2.83	84	126145	49.010	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	213762	87.840	ug/l	95
22) Diisopropyl ether	3.82	45	363372	46.750	ug/l	96
23) Vinyl Acetate	3.79	43	1582932	232.667	ug/l	97
24) 1,1-Dichloroethane	3.67	63	212698	48.484	ug/l	99
25) 2-Butanone	4.64	43	489380	232.154	ug/l	95
26) 2,2-Dichloropropane	4.57	77	167053	46.536	ug/l #	1
27) cis-1,2-Dichloroethene	4.57	96	19816690	7038.973	ug/l	86
28) Bromochloromethane	4.99	49	84131	41.268	ug/l	88
29) Tetrahydrofuran	5.09	42	319658	234.721	ug/l	95
30) Chloroform	5.18	83	225921	51.109	ug/l	98
31) Cyclohexane	5.55	56	176898	44.822	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	205622	51.381	ug/l	98
36) 1,1-Dichloropropene	5.77	75	165173	48.820	ug/l	99
37) Ethyl Acetate	4.80	43	182445	44.915	ug/l #	80
38) Carbon Tetrachloride	5.76	117	185236	52.098	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180360	49.079	ug/l	97
40) Benzene	6.12	78	526255	52.232	ug/l	99
41) Methacrylonitrile	5.01	41	104824	46.981	ug/l	98
42) 1,2-Dichloroethane	6.17	62	182889	51.042	ug/l	99
43) Isopropyl Acetate	6.42	43	292525	46.169	ug/l	97
44) Trichloroethene	7.19	130	157501	49.270	ug/l	96
45) 1,2-Dichloropropane	7.49	63	127075	49.542	ug/l	100
46) Dibromomethane	7.64	93	88943	51.627	ug/l	97
47) Bromodichloromethane	7.88	83	186508	52.284	ug/l	99
48) Methyl methacrylate	7.74	41	144502	47.633	ug/l	96
49) 1,4-Dioxane	7.71	88	64113	903.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	950752	240.992	ug/l	97
52) Toluene	8.76	92	332549	52.341	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	212393	52.361	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	217713	50.708	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	132733	52.544	ug/l	97
56) Ethyl methacrylate	9.16	69	209770	50.987	ug/l	97
57) 1,3-Dichloropropane	9.35	76	221548	51.095	ug/l	99
59) 2-Hexanone	9.48	43	750537	244.636	ug/l	98
60) Dibromochloromethane	9.57	129	156142	54.925	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143494	53.045	ug/l	99
64) Tetrachloroethene	9.32	164	166091	43.955	ug/l	95
65) Chlorobenzene	10.12	112	899167	130.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	140412	53.420	ug/l	98
67) Ethyl Benzene	10.24	91	624724	50.958	ug/l	100
68) m/p-Xylenes	10.34	106	471106	103.643	ug/l	99
69) o-Xylene	10.68	106	231934	52.687	ug/l	97
70) Stvrene	10.70	104	402208	53.156	ug/l	100
71) Bromoform	10.84	173	122232	55.024	ug/l #	99
73) Isopropylbenzene	11.00	105	607303	51.881	ug/l	100
74) N-amyl acetate	10.88	43	248718	46.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	170202	58.016	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	187211m	50.414	ug/l	
77) Bromobenzene	11.24	156	157672	51.356	ug/l	97
78) n-propylbenzene	11.34	91	673145	51.472	ug/l	100
79) 2-Chlorotoluene	11.40	91	413097	51.749	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	515218	52.713	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74593	49.412	ug/l	98
82) 4-Chlorotoluene	11.49	91	483802	51.323	ug/l	99
83) tert-Butylbenzene	11.76	119	456076	54.610	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	521029	52.711	ug/l	99
85) sec-Butylbenzene	11.93	105	553129	52.796	ug/l	100
86) p-Isopropyltoluene	12.05	119	516909	52.671	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	287374	54.027	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322400	59.264	ug/l	100
89) n-Butylbenzene	12.37	91	419764	51.351	ug/l	99
90) Hexachloroethane	12.58	117	89747	52.943	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	417564	81.028	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48087	50.605	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	187967	54.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75442	56.142	ug/l	99
95) Naphthalene	13.82	128	627963	53.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	180028	53.691	ug/l	99

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

