

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016793.D
 Acq On : 16 Jun 2020 20:25
 Operator : JC/SP
 Sample : L2993-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MSD

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:49 AM

Quant Time: Jun 17 06:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	147804	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.46	113	124541	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.70	98	472848	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	184064	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	153788	50.292	ug/l	99
3) Chloromethane	1.31	50	146544	49.598	ug/l	99
4) Vinyl Chloride	1.39	62	186674	59.210	ug/l	100
5) Bromomethane	1.62	94	87148	44.509	ug/l	99
6) Chloroethane	1.71	64	102094	52.570	ug/l	97
7) Trichlorofluoromethane	1.92	101	235909	51.954	ug/l	100
8) Diethyl Ether	2.17	74	92495	49.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124197	53.761	ug/l	98
10) Methyl Iodide	2.49	142	116177	40.235	ug/l	97
11) Tert butyl alcohol	3.01	59	194640	254.487	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145920	55.159	ug/l	98
13) Acrolein	2.27	56	30614	95.445	ug/l	96
14) Allyl chloride	2.70	41	210986	50.993	ug/l	97
15) Acrylonitrile	3.11	53	406501	261.925	ug/l	99
16) Acetone	2.42	43	340135	246.297	ug/l	99
17) Carbon Disulfide	2.55	76	377585	49.837	ug/l	100
18) Methyl Acetate	2.75	43	190383	51.649	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	828099	91.843	ug/l	98
20) Methylene Chloride	2.83	84	146690	49.314	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1674801	589.131	ug/l	98
22) Diisopropyl ether	3.82	45	403823	51.961	ug/l	92
23) Vinyl Acetate	3.78	43	1274457	189.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	244517	50.304	ug/l	99
25) 2-Butanone	4.64	43	541494	260.171	ug/l	100
26) 2,2-Dichloropropane	4.55	77	186770	41.496	ug/l #	65
27) cis-1,2-Dichloroethene	4.56	96	959413	295.271	ug/l	91
28) Bromochloromethane	4.98	49	106465	51.344	ug/l	99
29) Tetrahydrofuran	5.09	42	355312	263.528	ug/l	99
30) Chloroform	5.18	83	279079	54.269	ug/l	98
31) Cyclohexane	5.54	56	208048	53.109	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	234198	50.188	ug/l	99
36) 1,1-Dichloropropene	5.77	75	191911	51.483	ug/l	99
37) Ethyl Acetate	4.79	43	201747	49.420	ug/l #	80
38) Carbon Tetrachloride	5.76	117	210677	49.765	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212394	49.152	ug/l	98
40) Benzene	6.11	78	583983	51.454	ug/l	99
41) Methacrylonitrile	5.00	41	113553	52.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	1305486	315.155	ug/l	98
43) Isopropyl Acetate	6.41	43	324106	50.658	ug/l	99
44) Trichloroethene	7.20	130	11705308	3334.202	ug/l	96
45) 1,2-Dichloropropane	7.49	63	152850	54.939	ug/l	98
46) Dibromomethane	7.64	93	101843	50.224	ug/l	99
47) Bromodichloromethane	7.88	83	209133	49.470	ug/l	99
48) Methyl methacrylate	7.74	41	159883	52.725	ug/l	98
49) 1,4-Dioxane	7.71	88	73226	975.781	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1034217	262.325	ug/l	99
52) Toluene	8.76	92	373568	50.673	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236721	49.577	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	242120	48.612	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	180215	60.786	ug/l	98
56) Ethyl methacrylate	9.16	69	240261	54.126	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253357	50.837	ug/l	100
59) 2-Hexanone	9.48	43	809092	265.845	ug/l	99
60) Dibromochloromethane	9.57	129	183806	52.457	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166389	51.496	ug/l	99
64) Tetrachloroethene	9.32	164	188451	48.869	ug/l	96
65) Chlorobenzene	10.12	112	411936	50.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	161936	49.816	ug/l	98
67) Ethyl Benzene	10.24	91	713493	51.795	ug/l	100
68) m/p-Xylenes	10.34	106	549716	105.249	ug/l	99
69) o-Xylene	10.68	106	256348	50.946	ug/l	98
70) Styrene	10.70	104	227804	26.189	ug/l	92
71) Bromoform	10.84	173	145852	52.587	ug/l	98
73) Isopropylbenzene	11.00	105	693206	50.584	ug/l	100
74) N-amyl acetate	10.88	43	275346	51.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200859	49.826	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	217592m	49.542	ug/l	
77) Bromobenzene	11.24	156	190585	49.255	ug/l	100
78) n-propylbenzene	11.34	91	766971	51.535	ug/l	100
79) 2-Chlorotoluene	11.40	91	471961	50.150	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	594043	51.711	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	81423	46.671	ug/l	96
82) 4-Chlorotoluene	11.49	91	557968	50.652	ug/l	100
83) tert-Butylbenzene	11.76	119	546351	51.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	598676	51.516	ug/l	100
85) sec-Butylbenzene	11.93	105	642217	52.231	ug/l	100
86) p-Isopropyltoluene	12.05	119	613241	51.980	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329099	50.309	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	333867	49.215	ug/l	100
89) n-Butylbenzene	12.37	91	500443	51.385	ug/l	99
90) Hexachloroethane	12.58	117	108314	49.787	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	320623	49.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56035	49.707	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	227450	49.649	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	92593	45.965	ug/l	98
95) Naphthalene	13.82	128	750206	52.272	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	225037	49.907	ug/l	99

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

