

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002649.D
 Acq On : 16 Jun 2018 15:34
 Operator : JC/MD
 Sample : J3477-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MSD

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:12 PM

Quant Time: Jun 18 08:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154357	61.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.84%	
35) Dibromofluoromethane	5.51	113	120950	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	8.72	98	423862	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	163305	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57321	32.91	ug/l	100
3) Chloromethane	1.32	50	111915	54.02	ug/l	99
4) Vinyl Chloride	1.41	62	136377	63.44	ug/l	# 83
5) Bromomethane	1.64	94	55437	42.74	ug/l	98
6) Chloroethane	1.72	64	95935	67.71	ug/l	95
7) Trichlorofluoromethane	1.93	101	146379	41.91	ug/l	99
8) Diethyl Ether	2.19	74	83273	62.69	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69185	35.44	ug/l	99
10) Methyl Iodide	2.51	142	125009	47.71	ug/l	99
11) Tert butyl alcohol	3.08	59	150515	292.06	ug/l	98
12) 1,1-Dichloroethene	2.37	96	88747	48.42	ug/l	100
13) Acrolein	2.30	56	65326	269.83	ug/l	99
14) Allyl chloride	2.73	41	196555	54.01	ug/l	97
15) Acrylonitrile	3.15	53	358494	318.78	ug/l	100
16) Acetone	2.45	43	341934	310.89	ug/l	99
17) Carbon Disulfide	2.57	76	241337	55.51	ug/l	99
18) Methyl Acetate	2.78	43	155402	53.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	427000	62.10	ug/l	98
20) Methylene Chloride	2.86	84	126821	56.24	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113305	56.98	ug/l	95
22) Diisopropyl ether	3.88	45	394744	59.95	ug/l	98
23) Vinyl Acetate	3.83	43	1380699	250.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200732	56.17	ug/l	100
25) 2-Butanone	4.71	43	464280	321.44	ug/l	98
26) 2,2-Dichloropropane	4.59	77	74939	29.18	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	159314	78.74	ug/l	87
28) Bromochloromethane	5.03	49	107959	64.50	ug/l	97
29) Tetrahydrofuran	5.17	42	304715	321.90	ug/l	97
30) Chloroform	5.22	83	214883	62.35	ug/l	99
31) Cyclohexane	5.57	56	114455	38.90	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	164403	57.04	ug/l	99
36) 1,1-Dichloropropene	5.81	75	126300	42.22	ug/l	99
37) Ethyl Acetate	4.87	43	150241	44.38	ug/l	99
38) Carbon Tetrachloride	5.79	117	133497	44.82	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104237	29.81	ug/l	99
40) Benzene	6.15	78	455573	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	106509	55.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188773	54.36	ug/l	99
43) Isopropyl Acetate	6.47	43	269874	48.11	ug/l	99
44) Trichloroethene	7.21	130	120123	46.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	124223	52.63	ug/l	99
46) Dibromomethane	7.67	93	88148	55.83	ug/l	97
47) Bromodichloromethane	7.90	83	160440	57.61	ug/l	99
48) Methyl methacrylate	7.78	41	157595	54.98	ug/l	97
49) 1,4-Dioxane	7.76	88	56474	1040.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1001012	277.94	ug/l	99
52) Toluene	8.79	92	286611	50.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	167173	45.57	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	155145	44.49	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	130156	56.30	ug/l	97
56) Ethyl methacrylate	9.18	69	199913	56.19	ug/l	97
57) 1,3-Dichloropropane	9.38	76	212826	54.43	ug/l	99
59) 2-Hexanone	9.50	43	758514	279.49	ug/l	98
60) Dibromochloromethane	9.59	129	133996	51.41	ug/l	100
61) 1,2-Dibromoethane	9.68	107	136803	57.14	ug/l	100
64) Tetrachloroethene	9.34	164	107750	34.98	ug/l	99
65) Chlorobenzene	10.14	112	355171	52.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	130198	56.04	ug/l	98
67) Ethyl Benzene	10.26	91	555122	48.29	ug/l	100
68) m/p-Xylenes	10.36	106	429321	96.83	ug/l	99
69) o-Xylene	10.70	106	220632	50.65	ug/l	98
70) Stvrene	10.71	104	370003	51.65	ug/l	99
71) Bromoform	10.86	173	102800	48.74	ug/l	99
73) Isopropylbenzene	11.02	105	544996	47.45	ug/l	100
74) N-amyl acetate	6.47	43	269874	47.29	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203646	60.03	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163986m	50.60	ug/l	
77) Bromobenzene	11.26	156	172326	53.85	ug/l	96
78) n-propylbenzene	11.37	91	607559	46.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	393473	50.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	475663	49.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26611	28.26	ug/l	94
82) 4-Chlorotoluene	11.51	91	461954	49.78	ug/l	98
83) tert-Butylbenzene	11.77	119	469125	50.16	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	503277	50.81	ug/l	99
85) sec-Butylbenzene	11.95	105	511008	43.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	475662	45.21	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	299027	50.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314378	52.65	ug/l	99
89) n-Butylbenzene	12.39	91	385486	41.53	ug/l	99
90) Hexachloroethane	12.60	117	70308	43.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	359227	60.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43229	60.84	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	216550	50.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	83260	36.87	ug/l	99
95) Naphthalene	13.84	128	671769	58.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	230123	53.45	ug/l	99

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

