

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002293.D
 Acq On : 05 Jun 2018 06:45
 Operator : JC/MD
 Sample : J3269-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:13 PM

Quant Time: Jun 05 07:58:08 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180860	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	5.51	113	140881	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
50) Toluene-d8	8.72	98	544339	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
62) 4-Bromofluorobenzene	11.14	95	207479	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142486	50.616	ug/l	98
3) Chloromethane	1.32	50	176274	54.934	ug/l	100
4) Vinyl Chloride	1.41	62	183914	51.839	ug/l	99
5) Bromomethane	1.64	94	112376	56.398	ug/l	99
6) Chloroethane	1.72	64	114714	49.985	ug/l	99
7) Trichlorofluoromethane	1.93	101	290420	53.726	ug/l	98
8) Diethyl Ether	2.19	74	106032	55.459	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	151765	52.027	ug/l	99
10) Methyl Iodide	2.51	142	227228	55.381	ug/l	100
11) Tert butyl alcohol	3.07	59	193870	243.788	ug/l	99
12) 1,1-Dichloroethene	2.37	96	148060	51.359	ug/l	97
13) Acrolein	2.30	56	102082	266.123	ug/l	99
14) Allyl chloride	2.73	41	290315	46.404	ug/l	99
15) Acrylonitrile	3.15	53	445877	271.367	ug/l	100
16) Acetone	2.45	43	412241	247.321	ug/l	98
17) Carbon Disulfide	2.57	76	367314	48.343	ug/l	99
18) Methyl Acetate	2.78	43	192239	49.527	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	553750	55.420	ug/l	99
20) Methylene Chloride	2.86	84	167593	55.012	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	159239	50.090	ug/l	99
22) Diisopropyl ether	3.88	45	534580	51.183	ug/l	99
23) Vinyl Acetate	3.83	43	2031561	200.312	ug/l	100
24) 1,1-Dichloroethane	3.70	63	304053	49.173	ug/l	100
25) 2-Butanone	4.71	43	588831	221.768	ug/l	100
26) 2,2-Dichloropropane	4.59	77	157333	32.551	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	164607	47.611	ug/l	92
28) Bromochloromethane	5.03	49	142559	54.532	ug/l	99
29) Tetrahydrofuran	5.17	42	389561	227.562	ug/l	99
30) Chloroform	5.22	83	290783	48.735	ug/l	97
31) Cyclohexane	5.58	56	248400	50.803	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	254432	50.281	ug/l	100
36) 1,1-Dichloropropene	5.81	75	208405	49.379	ug/l	99
37) Ethyl Acetate	4.87	43	215986	42.554	ug/l	100
38) Carbon Tetrachloride	5.79	117	223932	50.718	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237769	45.623	ug/l	98
40) Benzene	6.15	78	628853	48.595	ug/l	100
41) Methacrylonitrile	5.07	41	136354	46.929	ug/l	99
42) 1,2-Dichloroethane	6.20	62	246638	47.970	ug/l	100
43) Isopropyl Acetate	6.47	43	380237	44.106	ug/l	100
44) Trichloroethene	7.22	130	182477	50.807	ug/l	99
45) 1,2-Dichloropropane	7.52	63	168707	48.291	ug/l	97
46) Dibromomethane	7.67	93	112235	47.391	ug/l	99
47) Bromodichloromethane	7.90	83	209437	48.896	ug/l	98
48) Methyl methacrylate	7.78	41	204912	47.319	ug/l	99
49) 1,4-Dioxane	7.76	88	73903	912.739	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1292011	240.657	ug/l	100
52) Toluene	8.79	92	410159	49.834	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	237664	46.269	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	224607	46.348	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	166691	49.242	ug/l	98
56) Ethyl methacrylate	9.18	69	258969	47.917	ug/l	99
57) 1,3-Dichloropropane	9.38	76	275429	48.499	ug/l	100
59) 2-Hexanone	9.50	43	990352	238.823	ug/l	100
60) Dibromochloromethane	9.59	129	170479	50.068	ug/l	100
61) 1,2-Dibromoethane	9.68	107	173861	49.258	ug/l	99
64) Tetrachloroethene	9.34	164	191906	48.852	ug/l	97
65) Chlorobenzene	10.14	112	472135	49.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170063	49.555	ug/l	99
67) Ethyl Benzene	10.26	91	816998	51.509	ug/l	98
68) m/p-Xylenes	10.37	106	632480	102.581	ug/l	100
69) o-Xylene	10.70	106	310248	50.564	ug/l	99
70) Stvrene	10.72	104	499068	49.754	ug/l	100
71) Bromoform	10.86	173	132870	43.699	ug/l	99
73) Isopropylbenzene	11.02	105	839719	49.426	ug/l	100
74) N-amyl acetate	6.47	43	380237	41.536	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	245033	45.857	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241371m	45.041	ug/l	
77) Bromobenzene	11.26	156	229007	48.014	ug/l	99
78) n-propylbenzene	11.37	91	950670	50.344	ug/l	100
79) 2-Chlorotoluene	11.43	91	572861	48.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	713506	48.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62117	40.631	ug/l	97
82) 4-Chlorotoluene	11.52	91	674689	49.023	ug/l	100
83) tert-Butylbenzene	11.77	119	713262	50.264	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	742114	49.473	ug/l	100
85) sec-Butylbenzene	11.95	105	856432	51.482	ug/l	100
86) p-Isopropyltoluene	12.07	119	769235	50.765	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	412833	48.408	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	417953	47.546	ug/l	99
89) n-Butylbenzene	12.39	91	645260	50.774	ug/l	100
90) Hexachloroethane	12.60	117	118726	49.084	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	422555	47.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56726	48.546	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	297267	48.046	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	155033	50.708	ug/l	98
95) Naphthalene	13.84	128	873283	49.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	311403	49.351	ug/l	100

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

