

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016572.D
 Acq On : 03 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2867-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:37 PM

Quant Time: Jun 04 09:12:55 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	248087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150673	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	121339	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.70	98	463364	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	179680	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108039	44.252	ug/l	98
3) Chloromethane	1.31	50	127148	43.095	ug/l	100
4) Vinyl Chloride	1.39	62	147658	47.324	ug/l	99
5) Bromomethane	1.62	94	65977	43.490	ug/l	100
6) Chloroethane	1.70	64	89419	49.130	ug/l	99
7) Trichlorofluoromethane	1.91	101	201247	49.113	ug/l	100
8) Diethyl Ether	2.17	74	82269	48.149	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103930	46.085	ug/l	99
10) Methyl Iodide	2.49	142	106043	40.008	ug/l	100
11) Tert butyl alcohol	3.02	59	186241	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115451	48.364	ug/l	100
13) Acrolein	2.27	56	97990	291.572	ug/l	97
14) Allyl chloride	2.71	41	200742	45.726	ug/l	98
15) Acrylonitrile	3.12	53	395374	244.306	ug/l	99
16) Acetone	2.42	43	332162	246.079	ug/l	99
17) Carbon Disulfide	2.55	76	322472	45.490	ug/l	100
18) Methyl Acetate	2.75	43	166314	48.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	424592	49.533	ug/l	98
20) Methylene Chloride	2.83	84	134239	48.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	127449	48.268	ug/l	93
22) Diisopropyl ether	3.82	45	392348	46.523	ug/l	99
23) Vinyl Acetate	3.79	43	1720661	233.093	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229659	48.248	ug/l	100
25) 2-Butanone	4.64	43	540636	236.373	ug/l	96
26) 2,2-Dichloropropane	4.55	77	192818	49.504	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	153546	50.266	ug/l	97
28) Bromochloromethane	4.98	49	99648	45.049	ug/l	91
29) Tetrahydrofuran	5.09	42	351581	237.932	ug/l	96
30) Chloroform	5.18	83	237437	49.506	ug/l	99
31) Cyclohexane	5.55	56	184253	43.027	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	215427	49.613	ug/l	98
36) 1,1-Dichloropropene	5.77	75	172210	46.638	ug/l	98
37) Ethyl Acetate	4.79	43	247105	55.741	ug/l	97
38) Carbon Tetrachloride	5.76	117	192376	49.576	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060320\
 Data File : VX016572.D
 Acq On : 03 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2867-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:37 PM

Quant Time: Jun 04 09:12:55 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)
39) Methylcyclohexane	7.44	83	183961	45.868	ug/l	97
40) Benzene	6.12	78	529639	48.167	ug/l	100
41) Methacrylonitrile	5.00	41	112992	46.403	ug/l	98
42) 1,2-Dichloroethane	6.17	62	191015	48.847	ug/l	99
43) Isopropyl Acetate	6.42	43	316205	45.729	ug/l	98
44) Trichloroethene	7.19	130	159770	45.795	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135220	48.304	ug/l	99
46) Dibromomethane	7.64	93	92422	49.155	ug/l	98
47) Bromodichloromethane	7.88	83	194661	50.001	ug/l	99
48) Methyl methacrylate	7.74	41	155586	46.993	ug/l	97
49) 1,4-Dioxane	7.71	88	69508	897.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1035607	240.525	ug/l	98
52) Toluene	8.76	92	345737	49.861	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226566	51.179	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	231849	49.480	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	138572	50.263	ug/l	97
56) Ethyl methacrylate	9.16	69	226063	50.348	ug/l	97
57) 1,3-Dichloropropane	9.35	76	236489	49.975	ug/l	99
59) 2-Hexanone	9.48	43	806181	240.774	ug/l	97
60) Dibromochloromethane	9.57	129	163172	52.593	ug/l	99
61) 1,2-Dibromoethane	9.65	107	150397	50.942	ug/l	99
64) Tetrachloroethene	9.32	164	167496	40.767	ug/l	97
65) Chlorobenzene	10.12	112	371891	49.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	145362	50.861	ug/l	99
67) Ethyl Benzene	10.24	91	657051	49.291	ug/l	99
68) m/p-Xylenes	10.34	106	497054	100.569	ug/l	100
69) o-Xylene	10.68	106	240108	50.163	ug/l	98
70) Stvrene	10.70	104	419397	50.976	ug/l	100
71) Bromoform	10.84	173	127207	52.665	ug/l #	100
73) Isopropylbenzene	11.00	105	637172	48.729	ug/l	100
74) N-amyl acetate	10.88	43	271053	45.067	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185949	56.743	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198820m	47.931	ug/l	
77) Bromobenzene	11.24	156	168806	49.221	ug/l	96
78) n-propylbenzene	11.35	91	714181	48.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	434015	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541577	49.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78676	46.656	ug/l	98
82) 4-Chlorotoluene	11.49	91	510085	48.441	ug/l	99
83) tert-Butylbenzene	11.76	119	493973	52.950	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	552728	50.059	ug/l	100
85) sec-Butylbenzene	11.93	105	591443	50.538	ug/l	100
86) p-Isopropyltoluene	12.05	119	558959	50.988	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296886	49.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289704	47.674	ug/l	98
89) n-Butylbenzene	12.37	91	468585	51.318	ug/l	99
90) Hexachloroethane	12.58	117	96348	50.882	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283062	49.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51810	48.810	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	202501	52.968	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
Data File : VX016572.D
Acq On : 03 Jun 2020 17:28
Operator : JC/SP
Sample : L2867-10MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:07:37 PM

Quant Time: Jun 04 09:12:55 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)
94) Hexachlorobutadiene	13.77	225	82091	54.690	ug/l	100
95) Naphthalene	13.82	128	672494	51.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	199892	53.369	ug/l	99

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

