

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003869.D
 Acq On : 06 Aug 2018 18:40
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:26:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	512653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	678152	149.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.90%	
35) Dibromofluoromethane	5.50	113	580883	145.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.86%	
50) Toluene-d8	8.72	98	2250540	146.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.72%	
62) 4-Bromofluorobenzene	11.14	95	793817	147.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	542547	157.05	ug/l	100
3) Chloromethane	1.32	50	690442	122.05	ug/l	99
4) Vinyl Chloride	1.40	62	698382	155.72	ug/l	99
5) Bromomethane	1.63	94	350624	145.12	ug/l	99
6) Chloroethane	1.70	64	330894	128.85	ug/l	98
7) Trichlorofluoromethane	1.91	101	920033	160.00	ug/l	98
8) Diethyl Ether	2.19	74	414004	165.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	567560	155.86	ug/l	99
10) Methyl Iodide	2.50	142	795305	163.46	ug/l	100
11) Tert butyl alcohol	3.11	59	841558	839.54	ug/l	100
12) 1,1-Dichloroethene	2.36	96	545193	154.69	ug/l	99
13) Acrolein	2.29	56	424567	556.03	ug/l	100
14) Allyl chloride	2.72	41	1071221	163.16	ug/l	99
15) Acrylonitrile	3.15	53	1964866	822.75	ug/l	100
16) Acetone	2.45	43	1915749	782.48	ug/l	99
17) Carbon Disulfide	2.56	76	1620466	162.73	ug/l	99
18) Methyl Acetate	2.78	43	876410	156.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1978710	162.43	ug/l	100
20) Methylene Chloride	2.85	84	639712	149.64	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	601702	154.91	ug/l	99
22) Diisopropyl ether	3.88	45	1933520	154.64	ug/l	96
23) Vinyl Acetate	3.82	43	8417113	812.54	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1142316	161.26	ug/l	100
25) 2-Butanone	4.71	43	3095892	759.97	ug/l	99
26) 2,2-Dichloropropane	4.58	77	823120	168.98	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	690830	157.49	ug/l	96
28) Bromochloromethane	5.02	49	493569	150.36	ug/l	100
29) Tetrahydrofuran	5.17	42	1600793	771.05	ug/l	99
30) Chloroform	5.21	83	1091316	150.07	ug/l	98
31) Cyclohexane	5.57	56	1003100	163.34	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	960611	158.31	ug/l	99
36) 1,1-Dichloropropene	5.79	75	854576	153.94	ug/l	100
37) Ethyl Acetate	4.87	43	942643	149.11	ug/l	99
38) Carbon Tetrachloride	5.78	117	843500	152.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1053936	165.94	ug/l	98
40) Benzene	6.14	78	2514874	147.86	ug/l	98
41) Methacrylonitrile	5.07	41	529290	155.12	ug/l	100
42) 1,2-Dichloroethane	6.20	62	848327	149.08	ug/l	100
43) Isopropyl Acetate	6.47	43	1525436	160.83	ug/l	99
44) Trichloroethene	7.21	130	690496	150.39	ug/l	98
45) 1,2-Dichloropropane	7.52	63	660208	149.98	ug/l	100
46) Dibromomethane	7.67	93	430736	152.36	ug/l	100
47) Bromodichloromethane	7.90	83	860196	161.02	ug/l	100
48) Methyl methacrylate	7.78	41	795197	165.94	ug/l	99
49) 1,4-Dioxane	7.76	88	366022	3227.52	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	6293354	796.53	ug/l	97
52) Toluene	8.79	92	1658340	157.73	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1026986	175.69	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1076092	168.70	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	669461	151.64	ug/l	100
56) Ethyl methacrylate	9.18	69	1120109	181.04	ug/l	99
57) 1,3-Dichloropropane	9.38	76	1130041	157.65	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	2653605	839.79	ug/l	100
59) 2-Hexanone	9.51	43	4863657	807.22	ug/l	99
60) Dibromochloromethane	9.59	129	687800	160.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	696290	154.83	ug/l	96
64) Tetrachloroethene	9.34	164	647043	146.50	ug/l	95
65) Chlorobenzene	10.14	112	1760842	148.07	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	654266	156.79	ug/l	99
67) Ethyl Benzene	10.26	91	3100140	162.10	ug/l	96
68) m/p-Xylenes	10.36	106	2410213	323.15	ug/l	92
69) o-Xylene	10.70	106	1150094	160.55	ug/l	91
70) Styrene	10.71	104	1946474	165.12	ug/l	97
71) Bromoform	10.86	173	571153	168.40	ug/l	97
73) Isopropylbenzene	11.02	105	2996377	162.91	ug/l	98
74) N-amyl acetate	6.47	43	1525436	169.16	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1057991	164.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	870424m	155.92	ug/l	
77) Bromobenzene	11.26	156	788772	157.01	ug/l	99
78) n-propylbenzene	11.37	91	3493078	170.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	2182131	174.41	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2626743	174.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	343527	191.96	ug/l	93
82) 4-Chlorotoluene	11.51	91	2544280	175.69	ug/l	99
83) tert-Butylbenzene	11.77	119	2485825	163.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2567334	165.76	ug/l	98
85) sec-Butylbenzene	11.95	105	2896533	162.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	2635620	164.39	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1417179	150.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1445508	148.96	ug/l	100
89) n-Butylbenzene	12.39	91	2354495	170.20	ug/l	98
90) Hexachloroethane	12.60	117	453834	174.54	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	1455681	151.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	228762	161.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1087073	160.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	478922	145.92	ug/l	100
95) Naphthalene	13.83	128	3313506	168.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1084419	154.35	ug/l	100

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

