

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001413.D
 Acq On : 05 May 2018 12:04
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:23 AM

Quant Time: May 06 07:46:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3677	1.177	ug/l	91
3) Chloromethane	1.32	50	4049	1.318	ug/l	97
4) Vinyl Chloride	1.41	62	4077	1.269	ug/l	93
5) Bromomethane	1.65	94	3640	1.439	ug/l	88
6) Chloroethane	1.73	64	2594	1.264	ug/l	98
7) Trichlorofluoromethane	1.93	101	6025	1.131	ug/l	99
8) Diethyl Ether	2.19	74	2474	1.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3605	1.168	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3138	1.125	ug/l	96
14) Allyl chloride	2.73	41	5851	1.188	ug/l	99
15) Acrylonitrile	3.15	53	9957	6.356	ug/l	100
16) Acetone	2.45	43	10750	6.589	ug/l	98
17) Carbon Disulfide	2.57	76	7679	1.053	ug/l #	94
18) Methyl Acetate	2.78	43	5108	1.301	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11088	1.166	ug/l	96
20) Methylene Chloride	2.86	84	4171	1.174	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3824	1.256	ug/l	88
22) Diisopropyl ether	3.87	45	11515	1.220	ug/l	93
23) Vinyl Acetate	3.83	43	44242	5.539	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6384	1.212	ug/l #	91
25) 2-Butanone	4.72	43	14031	6.261	ug/l	99
26) 2,2-Dichloropropane	4.60	77	4516m	1.060	ug/l	
27) cis-1,2-Dichloroethene	4.60	96	3743	1.123	ug/l	53
28) Bromochloromethane	5.02	49	2900	1.244	ug/l #	96
29) Tetrahydrofuran	5.18	42	8953	6.445	ug/l	98
30) Chloroform	5.21	83	6442	1.162	ug/l #	80
31) Cyclohexane	5.57	56	5251	1.109	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	5200	1.073	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	5079	1.227	ug/l	97
37) Ethyl Acetate	4.87	43	5498	1.300	ug/l #	93
38) Carbon Tetrachloride	5.79	117	4875	1.119	ug/l	91
39) Methylcyclohexane	7.46	83	5510	1.125	ug/l #	93
40) Benzene	6.15	78	13721	1.151	ug/l	99
41) Methacrylonitrile	5.07	41	3169	1.290	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5381	1.164	ug/l	94
43) Isopropyl Acetate	6.47	43	7495	1.105	ug/l	99
44) Trichloroethene	7.21	130	4202	1.152	ug/l	98
45) 1,2-Dichloropropane	7.52	63	3462	1.140	ug/l #	76
46) Dibromomethane	7.67	93	2436	1.139	ug/l	95
47) Bromodichloromethane	7.91	83	3854	1.001	ug/l	97
48) Methyl methacrylate	7.79	41	3985	1.098	ug/l	92
49) 1,4-Dioxane	7.77	88	1750	24.953	ug/l #	81
51) 4-Methyl-2-Pentanone	8.66	43	23916	5.453	ug/l	95
52) Toluene	8.79	92	8748	1.122	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	3974	0.871	ug/l #	89
54) cis-1,3-Dichloropropene	9.05	75	3490	0.835	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3685	1.176	ug/l	93
56) Ethyl methacrylate	9.19	69	4484	1.023	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5920	1.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	10012	4.699	ug/l	97
59) 2-Hexanone	9.51	43	17236	5.044	ug/l	96
60) Dibromochloromethane	9.59	129	3013	0.917	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3530	1.060	ug/l	98
64) Tetrachloroethene	9.34	164	4925	1.227	ug/l	90
65) Chlorobenzene	10.14	112	10325	1.141	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3155	1.001	ug/l #	68
67) Ethyl Benzene	10.26	91	16236	1.091	ug/l	99
68) m/p-Xylenes	10.37	106	12114	2.064	ug/l	100
69) o-Xylene	10.70	106	5904	1.034	ug/l	99
70) Styrene	10.71	104	8776	0.941	ug/l	97
71) Bromoform	10.86	173	2122	0.798	ug/l #	90
73) Isopropylbenzene	11.02	105	15186	1.061	ug/l	97
74) N-amyl acetate	6.47	43	7495	1.216	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	4587	1.078	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	4614m	1.166	ug/l	
77) Bromobenzene	11.26	156	4633	1.127	ug/l	95
78) n-propylbenzene	11.37	91	15714	0.991	ug/l	97
79) 2-Chlorotoluene	11.43	91	10508	1.097	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	11769	0.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	895	0.864	ug/l #	63
82) 4-Chlorotoluene	11.51	91	11522	1.006	ug/l	98
83) tert-Butylbenzene	11.77	119	11931	1.001	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	12296	1.002	ug/l	96
85) sec-Butylbenzene	11.95	105	14219	0.995	ug/l	97
86) p-Isopropyltoluene	12.07	119	12741	0.970	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	7948	1.035	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	8556m	1.085	ug/l	
89) n-Butylbenzene	12.40	91	10680	0.940	ug/l	94
90) Hexachloroethane	12.60	117	1855	0.975	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	8158	1.067	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	862	0.991	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	5523	0.904	ug/l	97
94) Hexachlorobutadiene	13.79	225	3255	1.015	ug/l	94
95) Naphthalene	13.84	128	14347	0.917	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5749	0.954	ug/l	97

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

