

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008950.D
 Acq On : 15 Apr 2019 09:59
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:52:41 AM

Quant Time: Apr 16 01:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	268092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	425767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176354	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	3212	1.037	ug/l	87
3) Chloromethane	1.32	50	4980	1.183	ug/l #	86
4) Vinyl Chloride	1.41	62	4616	1.130	ug/l	94
5) Bromomethane	1.64	94	2695	1.195	ug/l	100
6) Chloroethane	1.73	64	3251	1.197	ug/l	99
7) Trichlorofluoromethane	1.93	101	5489	1.210	ug/l	99
8) Diethyl Ether	2.18	74	2653	1.242	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3674	1.264	ug/l	98
12) 1,1-Dichloroethene	2.38	96	3769	1.239	ug/l #	76
14) Allyl chloride	2.73	41	7858	1.132	ug/l #	86
15) Acrylonitrile	3.14	53	13390	5.668	ug/l	97
16) Acetone	2.44	43	13058	5.997	ug/l	98
17) Carbon Disulfide	2.57	76	11112	1.138	ug/l	99
18) Methyl Acetate	2.78	43	6816	1.279	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	13330	1.231	ug/l	98
20) Methylene Chloride	2.85	84	4649	1.264	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	4004	1.215	ug/l	96
22) Diisopropyl ether	3.85	45	15941	1.194	ug/l #	90
23) Vinyl Acetate	3.81	43	64298	5.527	ug/l	100
24) 1,1-Dichloroethane	3.69	63	7731	1.171	ug/l	99
25) 2-Butanone	4.67	43	18415	5.325	ug/l	97
26) 2,2-Dichloropropane	4.57	77	6015	1.283	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	4508	1.195	ug/l	96
28) Bromochloromethane	5.02	49	3903	1.255	ug/l	98
29) Tetrahydrofuran	5.13	42	12667	5.498	ug/l	95
30) Chloroform	5.21	83	7030	1.189	ug/l	94
31) Cyclohexane	5.57	56	8187	1.236	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	5929	1.238	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	5835	1.275	ug/l	95
37) Ethyl Acetate	4.84	43	7020	1.153	ug/l #	86
38) Carbon Tetrachloride	5.79	117	4817	1.269	ug/l	91
39) Methylcyclohexane	7.46	83	7236	1.278	ug/l	96
40) Benzene	6.14	78	17225	1.263	ug/l	98
41) Methacrylonitrile	5.06	41	3979	1.134	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	6284	1.286	ug/l	97
43) Isopropyl Acetate	6.44	43	11809	1.236	ug/l	98
44) Trichloroethene	7.21	130	4346	1.361	ug/l	92
45) 1,2-Dichloropropane	7.51	63	4735	1.221	ug/l	89
46) Dibromomethane	7.66	93	2860	1.267	ug/l	95
47) Bromodichloromethane	7.89	83	5287	1.242	ug/l	99
48) Methyl methacrylate	7.77	41	5608	1.163	ug/l #	94
49) 1,4-Dioxane	7.74	88	2363	26.345	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	36991	6.025	ug/l	100
52) Toluene	8.78	92	10458	1.301	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	5480	1.144	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	6370	1.168	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	3992	1.236	ug/l	95
56) Ethyl methacrylate	9.18	69	6710	1.153	ug/l	100
57) 1,3-Dichloropropane	9.37	76	7280	1.259	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	18333	6.108	ug/l	100
59) 2-Hexanone	9.49	43	28146	5.896	ug/l	97
60) Dibromochloromethane	9.58	129	3629	1.190	ug/l	98
61) 1,2-Dibromoethane	9.67	107	4008	1.193	ug/l	93
64) Tetrachloroethene	9.33	164	4115	1.489	ug/l	95
65) Chlorobenzene	10.13	112	10795	1.322	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	3539	1.236	ug/l #	65
67) Ethyl Benzene	10.25	91	19689	1.297	ug/l	98
68) m/p-Xylenes	10.35	106	13799	2.525	ug/l	99
69) o-Xylene	10.70	106	6738	1.272	ug/l	99
70) Styrene	10.71	104	11064	1.211	ug/l	97
71) Bromoform	10.85	173	2729	1.242	ug/l #	95
73) Isopropylbenzene	11.02	105	17793	1.246	ug/l	95
74) N-amyl acetate	10.90	43	9614	1.145	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	6618	1.222	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	6097m	1.289	ug/l	
77) Bromobenzene	11.26	156	4521	1.310	ug/l	97
78) n-propylbenzene	11.36	91	20213	1.217	ug/l	99
79) 2-Chlorotoluene	11.42	91	12642	1.258	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	14755	1.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1964	1.135	ug/l	88
82) 4-Chlorotoluene	11.51	91	14416	1.239	ug/l	98
83) tert-Butylbenzene	11.77	119	14142	1.227	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	14817	1.222	ug/l	96
85) sec-Butylbenzene	11.94	105	16896	1.234	ug/l	97
86) p-Isopropyltoluene	12.06	119	15045	1.221	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	7800	1.263	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	8171m	1.304	ug/l	
89) n-Butylbenzene	12.39	91	14244	1.234	ug/l	99
90) Hexachloroethane	12.60	117	2480	1.212	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	7962	1.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1496	1.252	ug/l	82
93) 1,2,4-Trichlorobenzene	13.65	180	5402	1.256	ug/l	99
94) Hexachlorobutadiene	13.78	225	2975	1.444	ug/l	99
95) Naphthalene	13.83	128	15993	1.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5199	1.213	ug/l	97

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

