

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014007.D
 Acq On : 13 Dec 2019 14:49
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:48:42 PM

Quant Time: Dec 17 03:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	788651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1189953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1042212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	492183	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	1.19	85	7529	0.893	ug/l	96
3) Chloromethane	1.32	50	10536	1.080	ug/l	96
4) Vinyl Chloride	1.40	62	12099	1.121	ug/l	95
6) Chloroethane	1.71	64	7212	1.146	ug/l #	85
7) Trichlorofluoromethane	1.92	101	14018	1.135	ug/l	94
8) Diethyl Ether	2.17	74	7038	1.261	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8222	1.094	ug/l	92
12) 1,1-Dichloroethene	2.36	96	8393	1.120	ug/l	95
14) Allyl chloride	2.72	41	14585	1.074	ug/l	96
15) Acrylonitrile	3.13	53	23664	5.123	ug/l #	93
16) Acetone	2.43	43	31271	6.588	ug/l	95
17) Carbon Disulfide	2.56	76	29821	1.393	ug/l	99
18) Methyl Acetate	2.76	43	12638	1.029	ug/l	93
19) Methyl tert-butyl Ether	3.18	73	26008	1.046	ug/l	97
20) Methylene Chloride	2.84	84	11586	1.331	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	9915	1.213	ug/l	85
22) Diisopropyl ether	3.84	45	28244	1.075	ug/l #	75
23) Vinyl Acetate	3.80	43	115573	5.296	ug/l	100
24) 1,1-Dichloroethane	3.68	63	17531	1.220	ug/l	98
25) 2-Butanone	4.66	43	34597	5.107	ug/l	90
26) 2,2-Dichloropropane	4.57	77	13026	1.100	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	11096	1.182	ug/l	98
28) Bromochloromethane	5.00	49	4509	0.889	ug/l #	84
29) Tetrahydrofuran	5.12	42	21384	5.237	ug/l	98
30) Chloroform	5.20	83	15604	1.073	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	13317	1.096	ug/l #	50
36) 1,1-Dichloropropene	5.79	75	12335	1.141	ug/l #	84
37) Ethyl Acetate	4.82	43	11886	0.986	ug/l #	86
38) Carbon Tetrachloride	5.77	117	10200	1.023	ug/l	89
39) Methylcyclohexane	7.45	83	14939	1.116	ug/l	97
40) Benzene	6.13	78	37774	1.145	ug/l	100
41) Methacrylonitrile	5.03	41	7044	1.070	ug/l #	80
42) 1,2-Dichloroethane	6.19	62	11688	1.040	ug/l	88
43) Isopropyl Acetate	6.44	43	20213	1.015	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	11355	1.259	ug/l	88
45) 1,2-Dichloropropane	7.51	63	9301	1.125	ug/l	94
46) Dibromomethane	7.65	93	7070	1.263	ug/l	95
47) Bromodichloromethane	7.89	83	11412	1.079	ug/l	93
48) Methyl methacrylate	7.76	41	9926	1.028	ug/l	91
49) 1,4-Dioxane	7.73	88	4148	19.503	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	60739	4.856	ug/l	98
52) Toluene	8.78	92	24050	1.172	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	11090	0.922	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	12372	0.940	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	9482	1.148	ug/l	94
56) Ethyl methacrylate	9.17	69	12354	0.929	ug/l #	83
57) 1,3-Dichloropropane	9.36	76	15349	1.077	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	21365	4.098	ug/l	99
59) 2-Hexanone	9.49	43	45812	4.655	ug/l	96
60) Dibromochloromethane	9.57	129	7865	0.921	ug/l	95
61) 1,2-Dibromoethane	9.67	107	9234	1.048	ug/l	91
64) Tetrachloroethene	9.33	164	10196	1.268	ug/l	94
65) Chlorobenzene	10.13	112	25303	1.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	8426	1.081	ug/l #	63
67) Ethyl Benzene	10.25	91	41396	1.108	ug/l	96
68) m/p-Xylenes	10.36	106	31836	2.223	ug/l	97
69) o-Xylene	10.70	106	15471	1.108	ug/l	97
70) Styrene	10.71	104	25473	1.081	ug/l	98
71) Bromoform	10.85	173	5988	0.932	ug/l #	99
73) Isopropylbenzene	11.01	105	38061	1.101	ug/l	96
74) N-amyl acetate	10.90	43	16431	1.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	12856	1.074	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	10589m	0.961	ug/l	
77) Bromobenzene	11.25	156	11866	1.273	ug/l	90
78) n-propylbenzene	11.35	91	42164	1.091	ug/l	96
79) 2-Chlorotoluene	11.42	91	26847	1.154	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	31510	1.109	ug/l	99
82) 4-Chlorotoluene	11.51	91	31365	1.168	ug/l	98
83) tert-Butylbenzene	11.76	119	32037	1.119	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	30986	1.075	ug/l	99
85) sec-Butylbenzene	11.94	105	36468	1.107	ug/l	99
86) p-Isopropyltoluene	12.06	119	31503	1.029	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	20106	1.235	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	21665m	1.305	ug/l	
89) n-Butylbenzene	12.39	91	27243	1.042	ug/l	96
90) Hexachloroethane	12.59	117	5598	1.009	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	20057	1.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3404	1.319	ug/l	78
93) 1,2,4-Trichlorobenzene	13.64	180	12885	1.157	ug/l	98
94) Hexachlorobutadiene	13.78	225	6745	1.251	ug/l	94
95) Naphthalene	13.83	128	34162	1.032	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	11992	1.082	ug/l	92

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

