

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017963.D
 Acq On : 18 Aug 2020 17:48
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:30 AM

Quant Time: Aug 19 03:04:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	480074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	753811	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	707409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309964	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	1.18	85	4201	0.769	ug/l #	64
3) Chloromethane	1.32	50	5016	0.768	ug/l	93
4) Vinyl Chloride	1.39	62	4019	0.647	ug/l #	85
6) Chloroethane	1.72	64	2696	0.727	ug/l #	63
7) Trichlorofluoromethane	1.92	101	6882	0.706	ug/l	91
8) Diethyl Ether	2.17	74	2809	0.833	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4699	0.912	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4276	0.882	ug/l #	68
14) Allyl chloride	2.70	41	6522	0.747	ug/l #	85
15) Acrylonitrile	3.12	53	10760	3.854	ug/l	90
16) Acetone	2.42	43	12884	4.731	ug/l #	85
17) Carbon Disulfide	2.55	76	9072	0.627	ug/l	95
18) Methyl Acetate	2.75	43	6134	0.959	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	11186	0.659	ug/l #	81
20) Methylene Chloride	2.83	84	6949	1.192	ug/l #	80
21) trans-1,2-Dichloroethene	3.14	96	4001	0.775	ug/l	87
22) Diisopropyl ether	3.83	45	11499	0.693	ug/l	90
23) Vinyl Acetate	3.79	43	42959	3.008	ug/l	96
24) 1,1-Dichloroethane	3.67	63	7638	0.804	ug/l #	78
25) 2-Butanone	4.64	43	16213	4.159	ug/l	94
26) 2,2-Dichloropropane	4.56	77	7521	0.880	ug/l	80
27) cis-1,2-Dichloroethene	4.57	96	5106	0.892	ug/l	87
28) Bromochloromethane	4.99	49	4913	1.124	ug/l #	85
29) Tetrahydrofuran	5.10	42	8554	3.527	ug/l	97
30) Chloroform	5.17	83	8598	0.878	ug/l #	73
32) 1,1,1-Trichloroethane	5.45	97	7510	0.816	ug/l #	39
36) 1,1-Dichloropropene	5.76	75	5811	0.809	ug/l #	88
37) Ethyl Acetate	4.81	43	5568	0.721	ug/l #	80
38) Carbon Tetrachloride	5.74	117	6645	0.754	ug/l #	75
39) Methylcyclohexane	7.44	83	4809	0.568	ug/l #	81
40) Benzene	6.10	78	16181	0.788	ug/l	98
41) Methacrylonitrile	5.01	41	3620m	0.802	ug/l	
42) 1,2-Dichloroethane	6.17	62	6668	0.792	ug/l	79
43) Isopropyl Acetate	6.42	43	10041	0.794	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	5059	0.837	ug/l	76
45) 1,2-Dichloropropane	7.48	63	5052	0.875	ug/l #	72
46) Dibromomethane	7.64	93	3692	0.907	ug/l	90
47) Bromodichloromethane	7.87	83	6594	0.790	ug/l	90
48) Methyl methacrylate	7.74	41	4400	0.677	ug/l #	87
49) 1,4-Dioxane	7.72	88	2279	18.219	ug/l #	78
51) 4-Methyl-2-Pentanone	8.62	43	23492	3.004	ug/l	99
52) Toluene	8.76	92	8607	0.650	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	6571	0.727	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	6845	0.739	ug/l #	89
55) 1,1,2-Trichloroethane	9.20	97	4389	0.789	ug/l	90
56) Ethyl methacrylate	9.16	69	4322	0.523	ug/l #	69
57) 1,3-Dichloropropane	9.35	76	6540	0.718	ug/l #	76
58) 2-Chloroethyl Vinyl ether	8.29	63	14243	3.328	ug/l	98
59) 2-Hexanone	9.48	43	16956	2.897	ug/l	94
60) Dibromochloromethane	9.57	129	5193	0.739	ug/l	96
61) 1,2-Dibromoethane	9.65	107	4271	0.715	ug/l	98
64) Tetrachloroethene	9.32	164	4364	0.704	ug/l	86
65) Chlorobenzene	10.12	112	11068	0.732	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.20	131	4957	0.808	ug/l #	62
67) Ethyl Benzene	10.23	91	15266	0.608	ug/l	98
68) m/p-Xylenes	10.35	106	10493	1.086	ug/l	96
69) o-Xylene	10.68	106	5104	0.547	ug/l	98
70) Styrene	10.70	104	8545	0.537	ug/l	93
71) Bromoform	10.84	173	3755	0.709	ug/l #	91
73) Isopropylbenzene	11.01	105	12821	0.606	ug/l	99
74) N-amyl acetate	10.88	43	5989	0.646	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	6464	0.961	ug/l #	96
76) 1,2,3-Trichloropropane	11.28	75	5395m	0.845	ug/l	
77) Bromobenzene	11.24	156	4150	0.701	ug/l	87
78) n-propylbenzene	11.35	91	12550	0.524	ug/l	96
79) 2-Chlorotoluene	11.41	91	9855	0.665	ug/l	94
80) 1,3,5-Trimethylbenzene	11.49	105	9812	0.545	ug/l	89
82) 4-Chlorotoluene	11.49	91	11245	0.648	ug/l	92
83) tert-Butylbenzene	11.76	119	10989	0.640	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	9595	0.527	ug/l	93
85) sec-Butylbenzene	11.93	105	10896	0.541	ug/l	93
86) p-Isopropyltoluene	12.05	119	9845	0.515	ug/l #	84
87) 1,3-Dichlorobenzene	12.01	146	7470	0.739	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	8507m	0.811	ug/l	
89) n-Butylbenzene	12.37	91	9258	0.547	ug/l	98
90) Hexachloroethane	12.58	117	3077	0.812	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	7356	0.737	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1919	1.047	ug/l	81
93) 1,2,4-Trichlorobenzene	13.63	180	4709	0.706	ug/l	90
94) Hexachlorobutadiene	13.77	225	2313	0.755	ug/l	86
95) Naphthalene	13.82	128	10832	0.540	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	4712	0.707	ug/l	92

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

