

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021732.D
 Acq On : 02 Apr 2021 11:06
 Operator : JC/MD
 Sample : VX0401WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 1:12:50 PM

Quant Time: Apr 03 02:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	71515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	113223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	56973	47.88	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.76%
35) Dibromofluoromethane	5.458	113	40072	49.83	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.66%
50) Toluene-d8	8.694	98	141031	49.21	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.42%
62) 4-Bromofluorobenzene	11.118	95	56410	50.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.26%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	12885	16.39	ug/l	99
3) Chloromethane	1.311	50	14848	16.46	ug/l	96
4) Vinyl Chloride	1.393	62	13428	16.70	ug/l	99
5) Bromomethane	1.622	94	6436	19.89	ug/l	100
6) Chloroethane	1.705	64	9050	17.75	ug/l	98
7) Trichlorofluoromethane	1.911	101	23514	17.98	ug/l	98
8) Diethyl Ether	2.169	74	8436	18.59	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	13583	18.45	ug/l	98
10) Methyl Iodide	2.487	142	10310	22.20	ug/l #	88
11) Tert butyl alcohol	3.017	59	17073	86.79	ug/l	95
12) 1,1-Dichloroethene	2.352	96	11947	16.58	ug/l	85
13) Acrolein	2.269	56	8940	92.85	ug/l	96
14) Allyl chloride	2.705	41	24196	16.54	ug/l #	88
15) Acrylonitrile	3.117	53	42206	90.28	ug/l	97
16) Acetone	2.422	43	39217	87.17	ug/l	88
17) Carbon Disulfide	2.552	76	27731	13.70	ug/l	99
18) Methyl Acetate	2.746	43	26577	20.45	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	49172	18.27	ug/l	98
20) Methylene Chloride	2.834	84	15347	17.48	ug/l	89
21) trans-1,2-Dichloroethene	3.140	96	13158	16.62	ug/l	86
22) Diisopropyl ether	3.823	45	52161	18.35	ug/l	94
23) Vinyl Acetate	3.781	43	209763	87.26	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	27524	17.96	ug/l	96
25) 2-Butanone	4.629	43	59302	86.95	ug/l	89
26) 2,2-Dichloropropane	4.546	77	23197	17.48	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	16679	18.14	ug/l	94
28) Bromochloromethane	4.976	49	14427	18.81	ug/l	85
29) Tetrahydrofuran	5.087	42	38215	86.42	ug/l	87
30) Chloroform	5.170	83	29321	18.13	ug/l	95
31) Cyclohexane	5.540	56	21162	16.17	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	25985	18.13	ug/l	97
36) 1,1-Dichloropropene	5.764	75	19809	17.86	ug/l	97
37) Ethyl Acetate	4.793	43	23226	18.11	ug/l #	93
38) Carbon Tetrachloride	5.746	117	22783	19.11	ug/l	97
39) Methylcyclohexane	7.435	83	21401	17.40	ug/l	90
40) Benzene	6.105	78	58143	18.46	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	13476	18.11	ug/l #	89
42) 1,2-Dichloroethane	6.152	62	26368	19.31	ug/l	94
43) Isopropyl Acetate	6.405	43	38805	18.63	ug/l #	90
44) Trichloroethene	7.182	130	15487	18.63	ug/l	93
45) 1,2-Dichloropropane	7.488	63	16149	18.92	ug/l	96
46) Dibromomethane	7.635	93	11825	19.01	ug/l	94
47) Bromodichloromethane	7.870	83	24639	19.46	ug/l	100
48) Methyl methacrylate	7.741	41	20560	18.50	ug/l #	82
49) 1,4-Dioxane	7.711	88	8004	402.38	ug/l #	91
51) 4-Methyl-2-Pentanone	8.617	43	123899	96.71	ug/l	88
52) Toluene	8.764	92	36502	18.76	ug/l	96
53) t-1,3-Dichloropropene	9.017	75	24062	18.83	ug/l	96
54) cis-1,3-Dichloropropene	8.411	75	25580	18.81	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	16553	20.16	ug/l	99
56) Ethyl methacrylate	9.159	69	23692	18.45	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	27287	19.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	66693	96.09	ug/l	95
59) 2-Hexanone	9.470	43	92092	95.73	ug/l	84
60) Dibromochloromethane	9.565	129	18304	19.90	ug/l	100
61) 1,2-Dibromoethane	9.653	107	17038	19.31	ug/l	99
64) Tetrachloroethene	9.317	164	14805	20.28	ug/l	95
65) Chlorobenzene	10.118	112	40989	18.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	16105	19.20	ug/l	97
67) Ethyl Benzene	10.235	91	72158	18.08	ug/l	100
68) m/p-Xylenes	10.341	106	53416	37.57	ug/l	95
69) o-Xylene	10.682	106	25529	18.54	ug/l	94
70) Styrene	10.694	104	43661	18.43	ug/l	94
71) Bromoform	10.841	173	13720	20.12	ug/l #	97
73) Isopropylbenzene	11.000	105	72030	18.32	ug/l	100
74) N-amyl acetate	10.876	43	32917	17.30	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	25532	18.38	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	24928m	19.13	ug/l	
77) Bromobenzene	11.235	156	17543	18.00	ug/l	93
78) n-propylbenzene	11.341	91	83550	17.99	ug/l	98
79) 2-Chlorotoluene	11.400	91	50740	18.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	61197	18.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	7305	17.08	ug/l #	81
82) 4-Chlorotoluene	11.494	91	60021	17.95	ug/l	99
83) tert-Butylbenzene	11.753	119	58998	18.04	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	62278	18.39	ug/l	98
85) sec-Butylbenzene	11.930	105	66998	17.76	ug/l	100
86) p-Isopropyltoluene	12.047	119	63241	18.41	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	31872	18.16	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	32783	18.05	ug/l	96
89) n-Butylbenzene	12.371	91	54795	17.41	ug/l	95
90) Hexachloroethane	12.577	117	11579	18.68	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	32121	18.82	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5746	17.73	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	20712	18.52	ug/l	99
94) Hexachlorobutadiene	13.765	225	9328	18.48	ug/l	96
95) Naphthalene	13.818	128	63718	17.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	20298	18.15	ug/l	97

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

