

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039714.D
 Acq On : 11 Jan 2024 10:58
 Operator : JC/MD
 Sample : VX0111WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 01:50:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	108947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80693	44.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.420%		
35) Dibromofluoromethane	5.379	113	59730	45.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	8.647	98	224912	45.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.900%#		
62) 4-Bromofluorobenzene	11.079	95	86637	44.775	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26417	18.741	ug/l	97
3) Chloromethane	1.295	50	28144	17.483	ug/l	97
4) Vinyl Chloride	1.374	62	27369	18.015	ug/l	98
5) Bromomethane	1.605	94	17286	19.941	ug/l	97
6) Chloroethane	1.691	64	15942	18.459	ug/l	95
7) Trichlorofluoromethane	1.892	101	39394	17.975	ug/l	98
8) Diethyl Ether	2.130	74	14653	18.092	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	24712	18.188	ug/l	97
10) Methyl Iodide	2.453	142	25094	17.507	ug/l	94
11) Tert butyl alcohol	2.947	59	40972	86.244	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	23852	18.190	ug/l	93
13) Acrolein	2.233	56	27673	84.603	ug/l	98
14) Allyl chloride	2.666	41	45971	17.813	ug/l	96
15) Acrylonitrile	3.056	53	89674	91.380	ug/l	98
16) Acetone	2.374	43	91720	89.363	ug/l	91
17) Carbon Disulfide	2.514	76	67580	17.931	ug/l	100
18) Methyl Acetate	2.697	43	39566	18.426	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	82847	17.797	ug/l	95
20) Methylene Chloride	2.788	84	28081	18.088	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	25050	18.153	ug/l	94
22) Diisopropyl ether	3.757	45	90745	18.425	ug/l	97
23) Vinyl Acetate	3.721	43	434655	94.942	ug/l	99
24) 1,1-Dichloroethane	3.611	63	49914	18.422	ug/l	99
25) 2-Butanone	4.550	43	134390	91.113	ug/l	99
26) 2,2-Dichloropropane	4.477	77	38419	17.667	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29387	18.568	ug/l	99
28) Bromochloromethane	4.898	49	25197	20.516	ug/l	92
29) Tetrahydrofuran	5.001	42	86764	91.392	ug/l	100
30) Chloroform	5.093	83	49286	18.426	ug/l	100
31) Cyclohexane	5.464	56	43659	18.126	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40762	17.801	ug/l	97
36) 1,1-Dichloropropene	5.690	75	35890	17.575	ug/l	99
37) Ethyl Acetate	4.709	43	48907	17.952	ug/l	99
38) Carbon Tetrachloride	5.678	117	32979	17.632	ug/l	99
39) Methylcyclohexane	7.379	83	44077	17.974	ug/l	96
40) Benzene	6.038	78	107077	18.517	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25013	18.775	ug/l	94
42) 1,2-Dichloroethane	6.086	62	41679	18.959	ug/l	99
43) Isopropyl Acetate	6.336	43	74542	18.652	ug/l	99
44) Trichloroethene	7.123	130	25942	18.306	ug/l	98
45) 1,2-Dichloropropane	7.428	63	28435	18.331	ug/l	95
46) Dibromomethane	7.580	93	20044	18.708	ug/l	96
47) Bromodichloromethane	7.818	83	36990	18.641	ug/l	97
48) Methyl methacrylate	7.690	41	36737	18.701	ug/l	96
49) 1,4-Dioxane	7.653	88	13652	359.164	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	256711	93.267	ug/l	98
52) Toluene	8.714	92	64769	18.753	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	39431	18.727	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44035	19.019	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	27757	18.876	ug/l	94
56) Ethyl methacrylate	9.116	69	44868	18.852	ug/l	97
57) 1,3-Dichloropropane	9.305	76	47046	18.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	105271	93.578	ug/l	94
59) 2-Hexanone	9.427	43	206187	94.651	ug/l	98
60) Dibromochloromethane	9.519	129	26489	19.101	ug/l	100
61) 1,2-Dibromoethane	9.604	107	29122	19.124	ug/l	100
64) Tetrachloroethene	9.269	164	21154	18.242	ug/l	96
65) Chlorobenzene	10.079	112	67286	18.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	23550	18.622	ug/l	97
67) Ethyl Benzene	10.195	91	126073	18.284	ug/l	98
68) m/p-Xylenes	10.299	106	93962	37.053	ug/l	96
69) o-Xylene	10.640	106	45869	18.265	ug/l	95
70) Styrene	10.653	104	75891	18.500	ug/l	99
71) Bromoform	10.799	173	17468	18.395	ug/l #	100
73) Isopropylbenzene	10.963	105	121906	17.909	ug/l	100
74) N-amyl acetate	10.842	43	63775	17.974	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	46789	18.001	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39332m	17.744	ug/l	
77) Bromobenzene	11.195	156	27207	17.951	ug/l	95
78) n-propylbenzene	11.305	91	150230	18.235	ug/l	97
79) 2-Chlorotoluene	11.360	91	88163	17.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104439	18.065	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12012	17.927	ug/l	99
82) 4-Chlorotoluene	11.451	91	101634	17.597	ug/l	100
83) tert-Butylbenzene	11.713	119	99749	18.072	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104943	18.195	ug/l	100
85) sec-Butylbenzene	11.890	105	130738	18.247	ug/l	98
86) p-Isopropyltoluene	12.006	119	105261	18.382	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	52437	18.049	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	53523	17.837	ug/l	98
89) n-Butylbenzene	12.329	91	100962	18.255	ug/l	97
90) Hexachloroethane	12.536	117	17309	17.917	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	52395	18.242	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11162	17.525	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	32161	18.323	ug/l	98
94) Hexachlorobutadiene	13.725	225	13919	19.077	ug/l	98
95) Naphthalene	13.774	128	117627	18.204	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32261	18.212	ug/l	99

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

