

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039946.D
 Acq On : 25 Jan 2024 11:46
 Operator : JC/MD
 Sample : VX0125WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2024
 Supervised By : Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 26 01:29:38 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	80730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64424	47.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.385	113	48006	51.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	8.647	98	168714	47.539	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.080%		
62) 4-Bromofluorobenzene	11.079	95	68545	49.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23130	22.144	ug/l	95
3) Chloromethane	1.294	50	22831	19.140	ug/l	97
4) Vinyl Chloride	1.374	62	22103	19.634	ug/l	99
5) Bromomethane	1.605	94	14387	22.398	ug/l	96
6) Chloroethane	1.685	64	13516	21.120	ug/l	95
7) Trichlorofluoromethane	1.886	101	34343	21.148	ug/l	100
8) Diethyl Ether	2.130	74	12315	20.520	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	20563	20.424	ug/l	98
10) Methyl Iodide	2.453	142	22108	20.815	ug/l	94
11) Tert butyl alcohol	2.953	59	32565	92.507	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	19735	20.311	ug/l	91
13) Acrolein	2.233	56	14458	54.855	ug/l	98
14) Allyl chloride	2.660	41	36602	19.139	ug/l	98
15) Acrylonitrile	3.062	53	71028	97.678	ug/l	99
16) Acetone	2.373	43	71780	94.379	ug/l	96
17) Carbon Disulfide	2.514	76	55400	19.837	ug/l	99
18) Methyl Acetate	2.697	43	36067	22.667	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	68964	19.992	ug/l	97
20) Methylene Chloride	2.788	84	23403	20.343	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	21291	20.822	ug/l	97
22) Diisopropyl ether	3.757	45	72704	19.922	ug/l	98
23) Vinyl Acetate	3.715	43	330179	97.329	ug/l	99
24) 1,1-Dichloroethane	3.605	63	40943	20.393	ug/l	99
25) 2-Butanone	4.544	43	103433	94.636	ug/l	98
26) 2,2-Dichloropropane	4.471	77	28907	17.939	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	24452	20.850	ug/l	97
28) Bromochloromethane	4.897	49	17928	19.699	ug/l	98
29) Tetrahydrofuran	5.001	42	67154	95.460	ug/l	99
30) Chloroform	5.086	83	42073	21.228	ug/l	99
31) Cyclohexane	5.464	56	34673	19.427	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	35175	20.730	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30352	20.723	ug/l	100
37) Ethyl Acetate	4.708	43	38675	19.793	ug/l	99
38) Carbon Tetrachloride	5.672	117	28216	21.033	ug/l	94
39) Methylcyclohexane	7.379	83	34823	19.799	ug/l	97
40) Benzene	6.037	78	86352	20.821	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20026	20.958	ug/l	95
42) 1,2-Dichloroethane	6.080	62	35170	22.305	ug/l	99
43) Isopropyl Acetate	6.330	43	57075	19.912	ug/l	100
44) Trichloroethene	7.123	130	21856	21.502	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22850	20.538	ug/l	96
46) Dibromomethane	7.580	93	16882	21.969	ug/l	97
47) Bromodichloromethane	7.818	83	30981	21.768	ug/l	97
48) Methyl methacrylate	7.690	41	28535	20.253	ug/l	94
49) 1,4-Dioxane	7.659	88	10700	392.481	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	207549	105.134	ug/l	97
52) Toluene	8.714	92	54120	21.847	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	31394	20.788	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35102	21.138	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	22514	21.346	ug/l	92
56) Ethyl methacrylate	9.116	69	35196	20.619	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	37993	21.257	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	77142	95.608	ug/l	96
59) 2-Hexanone	9.427	43	163856	104.874	ug/l	98
60) Dibromochloromethane	9.519	129	22580	22.702	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24388	22.329	ug/l	99
64) Tetrachloroethene	9.269	164	18272	21.216	ug/l	95
65) Chlorobenzene	10.079	112	57050	20.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20502	21.828	ug/l	99
67) Ethyl Benzene	10.189	91	104957	20.495	ug/l	98
68) m/p-Xylenes	10.299	106	78179	41.511	ug/l	95
69) o-Xylene	10.640	106	37431	20.069	ug/l	93
70) Styrene	10.652	104	63846	20.955	ug/l	98
71) Bromoform	10.799	173	14962	21.215	ug/l #	100
73) Isopropylbenzene	10.963	105	102988	19.657	ug/l	98
74) N-amyl acetate	10.841	43	50046	18.326	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	38861	19.425	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33423m	19.591	ug/l	
77) Bromobenzene	11.195	156	23448	20.101	ug/l	98
78) n-propylbenzene	11.305	91	126108	19.887	ug/l	98
79) 2-Chlorotoluene	11.366	91	74018	18.886	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89092	20.022	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9080	17.637	ug/l	95
82) 4-Chlorotoluene	11.451	91	89531	20.140	ug/l	99
83) tert-Butylbenzene	11.713	119	83161	19.576	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	87579	19.728	ug/l	99
85) sec-Butylbenzene	11.890	105	111364	20.194	ug/l	99
86) p-Isopropyltoluene	12.006	119	90429	20.517	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46009	20.576	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	45881	19.866	ug/l	97
89) n-Butylbenzene	12.329	91	86907	20.416	ug/l	95
90) Hexachloroethane	12.536	117	14410	19.380	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44347	20.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9336	19.044	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27685	20.493	ug/l	98
94) Hexachlorobutadiene	13.725	225	11993	21.356	ug/l	98
95) Naphthalene	13.774	128	94772	19.056	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27281	20.009	ug/l	97

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

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