

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040455.D
 Acq On : 26 Feb 2024 13:05
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022624

Quant Time: Feb 27 05:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	86341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69183	47.907	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.820%		
35) Dibromofluoromethane	5.379	113	48921	48.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.260%		
50) Toluene-d8	8.647	98	176534	47.848	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	69042	49.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52060	48.450	ug/l	97
3) Chloromethane	1.294	50	50066	46.976	ug/l	96
4) Vinyl Chloride	1.373	62	52916	45.914	ug/l	99
5) Bromomethane	1.599	94	36013	56.229	ug/l	98
6) Chloroethane	1.678	64	33595	46.061	ug/l	96
7) Trichlorofluoromethane	1.886	101	88191	48.450	ug/l	98
8) Diethyl Ether	2.129	74	32604	51.244	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46619	47.580	ug/l	96
10) Methyl Iodide	2.446	142	56675	55.182	ug/l	97
11) Tert butyl alcohol	2.959	59	70045	288.534	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	45053	45.799	ug/l	96
13) Acrolein	2.233	56	52477	337.169	ug/l	99
14) Allyl chloride	2.660	41	87597	50.899	ug/l	95
15) Acrylonitrile	3.062	53	160052	262.835	ug/l	99
16) Acetone	2.373	43	127404	270.527	ug/l	99
17) Carbon Disulfide	2.507	76	127091	46.655	ug/l	98
18) Methyl Acetate	2.696	43	77798	53.583	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	179726	53.564	ug/l	99
20) Methylene Chloride	2.788	84	55393	49.151	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	50466	48.105	ug/l	98
22) Diisopropyl ether	3.757	45	178773	51.692	ug/l	93
23) Vinyl Acetate	3.715	43	853835	269.518	ug/l	100
24) 1,1-Dichloroethane	3.605	63	99612	49.392	ug/l	98
25) 2-Butanone	4.550	43	219961	268.072	ug/l	97
26) 2,2-Dichloropropane	4.471	77	80972	50.427	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	59973	48.865	ug/l	100
28) Bromochloromethane	4.891	49	44372	52.597	ug/l	99
29) Tetrahydrofuran	4.995	42	149214	260.674	ug/l	97
30) Chloroform	5.086	83	106770	49.877	ug/l	96
31) Cyclohexane	5.464	56	78401	47.920	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	89861	49.183	ug/l	98
36) 1,1-Dichloropropene	5.690	75	74617	47.649	ug/l	99
37) Ethyl Acetate	4.708	43	91314	53.281	ug/l	100
38) Carbon Tetrachloride	5.672	117	74474	49.229	ug/l	99
39) Methylcyclohexane	7.379	83	85438	50.534	ug/l	96
40) Benzene	6.031	78	210942	49.753	ug/l	99

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41) Methacrylonitrile	4.909	41	50300	52.543	ug/l	95
42) 1,2-Dichloroethane	6.080	62	95076	54.181	ug/l	97
43) Isopropyl Acetate	6.330	43	145566	54.131	ug/l	99
44) Trichloroethene	7.122	130	54847	48.102	ug/l	97
45) 1,2-Dichloropropane	7.427	63	57895	51.023	ug/l	98
46) Dibromomethane	7.580	93	44186	52.967	ug/l	99
47) Bromodichloromethane	7.817	83	85011	51.756	ug/l	98
48) Methyl methacrylate	7.689	41	74057	55.098	ug/l	93
49) 1,4-Dioxane	7.653	88	29354	1154.475	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	485429	273.022	ug/l	98
52) Toluene	8.714	92	132429	50.895	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	91254	54.744	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94480	52.730	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	57656	53.394	ug/l	94
56) Ethyl methacrylate	9.116	69	94092	56.357	ug/l	95
57) 1,3-Dichloropropane	9.305	76	99296	52.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	242870	277.442	ug/l	97
59) 2-Hexanone	9.427	43	379773	277.818	ug/l	99
60) Dibromochloromethane	9.518	129	62190	53.024	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64049	54.357	ug/l	99
64) Tetrachloroethene	9.268	164	47761	49.286	ug/l	95
65) Chlorobenzene	10.079	112	143400	48.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53913	52.105	ug/l	100
67) Ethyl Benzene	10.195	91	267620	49.795	ug/l	100
68) m/p-Xylenes	10.299	106	198734	99.024	ug/l	94
69) o-Xylene	10.640	106	96959	50.513	ug/l	93
70) Styrene	10.652	104	166138	51.920	ug/l	98
71) Bromoform	10.799	173	45743	54.008	ug/l #	99
73) Isopropylbenzene	10.963	105	261995	49.525	ug/l	100
74) N-amyl acetate	10.841	43	132898	54.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	96803	50.598	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82042m	51.895	ug/l	
77) Bromobenzene	11.195	156	62199	49.724	ug/l	100
78) n-propylbenzene	11.305	91	323474	49.296	ug/l	98
79) 2-Chlorotoluene	11.360	91	189628	48.005	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226986	50.452	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	26910	51.258	ug/l #	95
82) 4-Chlorotoluene	11.451	91	225970	49.469	ug/l	99
83) tert-Butylbenzene	11.713	119	211350	49.827	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	228617	51.215	ug/l	98
85) sec-Butylbenzene	11.890	105	279841	50.219	ug/l	99
86) p-Isopropyltoluene	12.006	119	227962	49.631	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	119261	47.832	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	121536	47.883	ug/l	99
89) n-Butylbenzene	12.329	91	228788	50.629	ug/l	96
90) Hexachloroethane	12.536	117	38312	50.117	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	118255	49.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	24527	54.991	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	79418	51.216	ug/l	96
94) Hexachlorobutadiene	13.725	225	31432	49.598	ug/l	98
95) Naphthalene	13.774	128	266478	53.777	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76547	51.931	ug/l	97

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

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