

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040849.D
 Acq On : 01 Apr 2024 16:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040124

Quant Time: Apr 02 05:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	52871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	87153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	81114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	45069	47.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.020%		
35) Dibromofluoromethane	5.385	113	30937	50.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.647	98	110379	49.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	44721	50.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38168	53.260	ug/l	95
3) Chloromethane	1.301	50	33964	54.861	ug/l	97
4) Vinyl Chloride	1.374	62	34012	53.222	ug/l	99
5) Bromomethane	1.599	94	21688	55.164	ug/l	100
6) Chloroethane	1.685	64	19715	47.858	ug/l	97
7) Trichlorofluoromethane	1.886	101	62064	50.734	ug/l	94
8) Diethyl Ether	2.136	74	19582	49.534	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32030	50.788	ug/l	98
10) Methyl Iodide	2.453	142	38411	50.209	ug/l	99
11) Tert butyl alcohol	2.953	59	42589	245.901	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	29652	50.131	ug/l	98
13) Acrolein	2.233	56	24453	258.646	ug/l	100
14) Allyl chloride	2.660	41	54256	51.205	ug/l	91
15) Acrylonitrile	3.056	53	91070	249.262	ug/l	98
16) Acetone	2.373	43	94934	257.726	ug/l	95
17) Carbon Disulfide	2.514	76	82620	48.284	ug/l	100
18) Methyl Acetate	2.697	43	40605	46.464	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	103934	49.920	ug/l	98
20) Methylene Chloride	2.788	84	31115	45.581	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	30428	48.705	ug/l	96
22) Diisopropyl ether	3.757	45	104406	50.632	ug/l	91
23) Vinyl Acetate	3.715	43	513022	259.576	ug/l	99
24) 1,1-Dichloroethane	3.605	63	58918	50.011	ug/l	99
25) 2-Butanone	4.550	43	136663	249.756	ug/l	99
26) 2,2-Dichloropropane	4.471	77	54073	53.461	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	35647	49.412	ug/l	99
28) Bromochloromethane	4.891	49	24693	46.616	ug/l	99
29) Tetrahydrofuran	4.995	42	87690	246.559	ug/l	99
30) Chloroform	5.093	83	65238	50.876	ug/l	97
31) Cyclohexane	5.464	56	51057	50.719	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	58047	50.942	ug/l	99
36) 1,1-Dichloropropene	5.690	75	43638	49.751	ug/l	99
37) Ethyl Acetate	4.708	43	53803	49.954	ug/l	98
38) Carbon Tetrachloride	5.672	117	50904	52.424	ug/l	98
39) Methylcyclohexane	7.373	83	54193	51.710	ug/l	98
40) Benzene	6.031	78	123536	50.745	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	29178	52.750	ug/l	96
42) 1,2-Dichloroethane	6.080	62	53871	50.949	ug/l	96
43) Isopropyl Acetate	6.336	43	86780	52.172	ug/l	97
44) Trichloroethene	7.123	130	31425	51.685	ug/l	100
45) 1,2-Dichloropropane	7.427	63	31416	54.058	ug/l	100
46) Dibromomethane	7.574	93	24956	52.392	ug/l	99
47) Bromodichloromethane	7.818	83	50876	51.335	ug/l	98
48) Methyl methacrylate	7.690	41	43608	53.538	ug/l	96
49) 1,4-Dioxane	7.653	88	17632	1134.379	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	286543	259.712	ug/l	96
52) Toluene	8.714	92	77673	50.565	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	51995	50.855	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	52881	53.812	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	31158	51.976	ug/l	96
56) Ethyl methacrylate	9.110	69	54316	52.766	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	53931	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	130672	261.855	ug/l	96
59) 2-Hexanone	9.427	43	230015	259.946	ug/l	95
60) Dibromochloromethane	9.519	129	37453	52.335	ug/l	100
61) 1,2-Dibromoethane	9.604	107	32899	50.868	ug/l	99
64) Tetrachloroethene	9.269	164	27268	50.799	ug/l	98
65) Chlorobenzene	10.079	112	88073	49.647	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	30853	52.397	ug/l	98
67) Ethyl Benzene	10.189	91	164408	51.969	ug/l	95
68) m/p-Xylenes	10.299	106	118618	103.050	ug/l	91
69) o-Xylene	10.640	106	56818	52.395	ug/l	90
70) Styrene	10.652	104	98553	52.446	ug/l	96
71) Bromoform	10.799	173	26700	51.134	ug/l #	98
73) Isopropylbenzene	10.957	105	156483	52.444	ug/l	100
74) N-amyl acetate	10.841	43	82053	54.292	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	50720	49.713	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45317m	49.744	ug/l	
77) Bromobenzene	11.195	156	36488	52.130	ug/l	97
78) n-propylbenzene	11.305	91	194671	52.204	ug/l	97
79) 2-Chlorotoluene	11.360	91	114707	51.543	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	136953	53.740	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17977	53.241	ug/l	98
82) 4-Chlorotoluene	11.451	91	139218	52.397	ug/l	98
83) tert-Butylbenzene	11.713	119	131660	52.077	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	135624	52.829	ug/l	99
85) sec-Butylbenzene	11.890	105	170833	53.204	ug/l	99
86) p-Isopropyltoluene	12.006	119	145865	54.163	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	72154	50.999	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	73863	49.202	ug/l	100
89) n-Butylbenzene	12.329	91	141798	53.296	ug/l	96
90) Hexachloroethane	12.536	117	25804	55.003	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	69677	50.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14368	54.806	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	48496	50.452	ug/l	97
94) Hexachlorobutadiene	13.725	225	18954	51.474	ug/l	100
95) Naphthalene	13.774	128	163485	52.821	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47710	52.027	ug/l	99

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

