

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041184.D
 Acq On : 22 Apr 2024 11:43
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 23 05:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257296	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	351885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47687	19.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.940%	#	
35) Dibromofluoromethane	5.385	113	41235	19.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%	#	
50) Toluene-d8	8.647	98	129358	17.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	35.820%	#	
62) 4-Bromofluorobenzene	11.079	95	51668	19.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.760%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38553	18.944	ug/l	98
3) Chloromethane	1.295	50	42260	19.180	ug/l	98
4) Vinyl Chloride	1.374	62	43452	19.721	ug/l	97
5) Bromomethane	1.599	94	23256	18.746	ug/l	99
6) Chloroethane	1.666	64	16440	19.640	ug/l	98
7) Trichlorofluoromethane	1.861	101	67708	19.832	ug/l	99
8) Diethyl Ether	2.136	74	24982	19.884	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	40529	20.177	ug/l	# 85
10) Methyl Iodide	2.441	142	52657	21.739	ug/l	# 88
11) Tert butyl alcohol	3.069	59	40995	93.544	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	37649	20.078	ug/l	87
13) Acrolein	2.239	56	42162	85.656	ug/l	99
14) Allyl chloride	2.654	41	65412	21.474	ug/l	# 94
15) Acrylonitrile	3.075	53	113428	101.163	ug/l	99
16) Acetone	2.398	43	92329	103.563	ug/l	93
17) Carbon Disulfide	2.502	76	76464	19.521	ug/l	99
18) Methyl Acetate	2.709	43	53444	20.265	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	136608	20.379	ug/l	100
20) Methylene Chloride	2.782	84	44836	20.592	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	41864	20.203	ug/l	89
22) Diisopropyl ether	3.770	45	134271	20.387	ug/l	# 84
23) Vinyl Acetate	3.721	43	584297	103.704	ug/l	96
24) 1,1-Dichloroethane	3.605	63	74811	20.320	ug/l	96
25) 2-Butanone	4.574	43	153175	100.605	ug/l	96
26) 2,2-Dichloropropane	4.471	77	61110	19.640	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	51573	20.080	ug/l	88
28) Bromochloromethane	4.898	49	25909	18.545	ug/l	# 69
29) Tetrahydrofuran	5.013	42	102977	99.279	ug/l	94
30) Chloroform	5.093	83	79690	20.167	ug/l	99
31) Cyclohexane	5.458	56	67226	20.394	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	71180	20.094	ug/l	96
36) 1,1-Dichloropropene	5.690	75	53525	19.543	ug/l	93
37) Ethyl Acetate	4.721	43	63044	20.981	ug/l	99
38) Carbon Tetrachloride	5.672	117	60861	19.896	ug/l	98
39) Methylcyclohexane	7.373	83	73279	20.172	ug/l	92
40) Benzene	6.031	78	172294	20.370	ug/l	100

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41) Methacrylonitrile	4.934	41	32381	20.700	ug/l	94
42) 1,2-Dichloroethane	6.086	62	59670	20.346	ug/l	93
43) Isopropyl Acetate	6.348	43	95365	19.702	ug/l	97
44) Trichloroethene	7.123	130	48660	19.787	ug/l	90
45) 1,2-Dichloropropane	7.428	63	41482	20.454	ug/l	96
46) Dibromomethane	7.580	93	30169	19.950	ug/l #	73
47) Bromodichloromethane	7.824	83	55185	19.797	ug/l	99
48) Methyl methacrylate	7.696	41	46467	20.296	ug/l	91
49) 1,4-Dioxane	7.684	88	18448	374.365	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	301191	99.410	ug/l	96
52) Toluene	8.714	92	102163	19.168	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	49783	18.207	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	61942	19.928	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	38327	18.429	ug/l	96
56) Ethyl methacrylate	9.122	69	59296	18.650	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63254	18.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	146114	94.426	ug/l	90
59) 2-Hexanone	9.433	43	221445	95.312	ug/l	98
60) Dibromochloromethane	9.525	129	44417	18.501	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42115	18.875	ug/l	99
64) Tetrachloroethene	9.269	164	43273	18.207	ug/l	93
65) Chlorobenzene	10.080	112	129387	20.288	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	44059	20.169	ug/l	99
67) Ethyl Benzene	10.195	91	209811	20.615	ug/l	97
68) m/p-Xylenes	10.299	106	170188	41.422	ug/l	90
69) o-Xylene	10.640	106	84102	21.046	ug/l	92
70) Styrene	10.653	104	137470	21.146	ug/l	94
71) Bromoform	10.799	173	36863	19.738	ug/l #	99
73) Isopropylbenzene	10.964	105	218652	20.906	ug/l	97
74) N-amyl acetate	10.842	43	83293	20.264	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	66812	20.256	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	53021m	19.577	ug/l	
77) Bromobenzene	11.195	156	61426	20.182	ug/l	76
78) n-propylbenzene	11.305	91	232302	20.570	ug/l	95
79) 2-Chlorotoluene	11.366	91	144724	20.251	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	178647	20.531	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17618	18.353	ug/l	96
82) 4-Chlorotoluene	11.451	91	161086	19.891	ug/l	91
83) tert-Butylbenzene	11.713	119	192183	20.625	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	181745	21.045	ug/l	94
85) sec-Butylbenzene	11.890	105	223808	20.800	ug/l	94
86) p-Isopropyltoluene	12.006	119	196022	20.673	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	109221	19.977	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	108988	19.429	ug/l	95
89) n-Butylbenzene	12.329	91	147017	20.420	ug/l	97
90) Hexachloroethane	12.536	117	29902	19.117	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	109806	20.052	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13439	19.418	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	67910	17.886	ug/l	95
94) Hexachlorobutadiene	13.725	225	34883	17.983	ug/l	99
95) Naphthalene	13.774	128	199987	18.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71627	17.910	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

