

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043918.D
 Acq On : 20 Nov 2024 17:20
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 05:48:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	194679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	353627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	249923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56508	18.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.800%#
35) Dibromofluoromethane	5.379	113	44563	18.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.540%#
50) Toluene-d8	8.647	98	144776	18.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	36.500%#
62) 4-Bromofluorobenzene	11.079	95	45030	17.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	34.360%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	38216	19.400	ug/l 96
3) Chloromethane	1.295	50	48998	19.902	ug/l 97
4) Vinyl Chloride	1.374	62	50506	20.418	ug/l 99
5) Bromomethane	1.593	94	22368	19.907	ug/l 97
6) Chloroethane	1.666	64	27960	23.666	ug/l 96
7) Trichlorofluoromethane	1.868	101	73403	20.814	ug/l 98
8) Diethyl Ether	2.130	74	27453	20.648	ug/l 97
9) 1,1,2-Trichlorotrifluo...	2.319	101	45518	21.810	ug/l 98
10) Methyl Iodide	2.447	142	63277	21.543	ug/l 99
11) Tert butyl alcohol	2.989	59	46173	97.102	ug/l 99
12) 1,1-Dichloroethene	2.307	96	44752	22.094	ug/l 99
13) Acrolein	2.240	56	50615	94.912	ug/l 98
14) Allyl chloride	2.654	41	69526	21.171	ug/l 98
15) Acrylonitrile	3.069	53	127965	104.542	ug/l 99
16) Acetone	2.386	43	124363	103.547	ug/l 100
17) Carbon Disulfide	2.502	76	83196	18.811	ug/l 98
18) Methyl Acetate	2.703	43	67374	20.485	ug/l 99
19) Methyl tert-butyl Ether	3.117	73	156692	20.929	ug/l 96
20) Methylene Chloride	2.782	84	51256	20.389	ug/l 95
21) trans-1,2-Dichloroethene	3.081	96	44853	20.311	ug/l 98
22) Diisopropyl ether	3.758	45	151315	21.090	ug/l # 85
23) Vinyl Acetate	3.721	43	625436	107.546	ug/l 99
24) 1,1-Dichloroethane	3.605	63	89404	21.187	ug/l 99
25) 2-Butanone	4.568	43	179109	106.603	ug/l 98
26) 2,2-Dichloropropane	4.471	77	71956	20.751	ug/l 98
27) cis-1,2-Dichloroethene	4.483	96	58078	21.134	ug/l 98
28) Bromochloromethane	4.898	49	31834	17.929	ug/l 99
29) Tetrahydrofuran	5.007	42	115292	106.194	ug/l 100
30) Chloroform	5.087	83	95116	21.624	ug/l 99
31) Cyclohexane	5.458	56	70410	20.588	ug/l 99
32) 1,1,1-Trichloroethane	5.379	97	78200	20.797	ug/l 99
36) 1,1-Dichloropropene	5.684	75	59742	20.188	ug/l 98
37) Ethyl Acetate	4.715	43	68653	20.415	ug/l 100
38) Carbon Tetrachloride	5.666	117	63662	20.319	ug/l 97
39) Methylcyclohexane	7.373	83	76667	20.694	ug/l 97
40) Benzene	6.032	78	197599	21.238	ug/l 95

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41) Methacrylonitrile	4.916	41	36597	21.085	ug/l	96
42) 1,2-Dichloroethane	6.086	62	71109	21.048	ug/l	99
43) Isopropyl Acetate	6.342	43	110721	21.073	ug/l	98
44) Trichloroethene	7.123	130	48417	18.876	ug/l	97
45) 1,2-Dichloropropane	7.428	63	47559	20.856	ug/l	94
46) Dibromomethane	7.580	93	36080	20.997	ug/l	99
47) Bromodichloromethane	7.824	83	63259	20.952	ug/l	97
48) Methyl methacrylate	7.696	41	51632	19.827	ug/l	98
49) 1,4-Dioxane	7.665	88	25038m	452.711	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	341659	104.289	ug/l	95
52) Toluene	8.714	92	107872	20.096	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	58220	19.005	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	74481	21.456	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	40777	19.470	ug/l	99
56) Ethyl methacrylate	9.116	69	64851	19.557	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	71674	20.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	171269	98.488	ug/l	99
59) 2-Hexanone	9.433	43	241707	104.569	ug/l	93
60) Dibromochloromethane	9.519	129	41474	20.323	ug/l	98
61) 1,2-Dibromoethane	9.610	107	45137	20.661	ug/l	97
64) Tetrachloroethene	9.269	164	34214	21.343	ug/l	95
65) Chlorobenzene	10.080	112	109205	20.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	36813	21.188	ug/l	98
67) Ethyl Benzene	10.189	91	192083	21.863	ug/l	98
68) m/p-Xylenes	10.299	106	143828	43.952	ug/l	93
69) o-Xylene	10.640	106	67871	21.257	ug/l	96
70) Styrene	10.653	104	111637	21.216	ug/l	97
71) Bromoform	10.799	173	21953	18.033	ug/l #	96
73) Isopropylbenzene	10.964	105	175301	21.702	ug/l	99
74) N-amyl acetate	10.842	43	78187	20.685	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	59409	21.753	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51164m	22.154	ug/l	
77) Bromobenzene	11.195	156	43740	22.095	ug/l	98
78) n-propylbenzene	11.305	91	199947	22.434	ug/l	100
79) 2-Chlorotoluene	11.360	91	126252	22.262	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	150918	22.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15706	20.604	ug/l #	85
82) 4-Chlorotoluene	11.451	91	141119	21.607	ug/l	99
83) tert-Butylbenzene	11.713	119	147648	21.558	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	150365	22.114	ug/l	98
85) sec-Butylbenzene	11.890	105	176678	21.602	ug/l	99
86) p-Isopropyltoluene	12.006	119	148333	21.599	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	75543	20.590	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	78274	20.810	ug/l	98
89) n-Butylbenzene	12.329	91	121223	20.716	ug/l	99
90) Hexachloroethane	12.536	117	22673	18.812	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	77846	20.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10665	18.215	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	43905	19.557	ug/l	97
94) Hexachlorobutadiene	13.725	225	18639	20.260	ug/l	98
95) Naphthalene	13.774	128	165605	19.784	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46852	20.031	ug/l	99

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

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