

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042879.D
 Acq On : 06 Aug 2024 19:05
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 07 02:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60103	19.489	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.980%#		
35) Dibromofluoromethane	5.385	113	47403	19.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.500%#		
50) Toluene-d8	8.647	98	173436	19.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.680%#		
62) 4-Bromofluorobenzene	11.079	95	60462	19.246	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49429	20.413	ug/l	97
3) Chloromethane	1.301	50	53966	20.455	ug/l	94
4) Vinyl Chloride	1.374	62	52267	20.880	ug/l	97
5) Bromomethane	1.593	94	29012	19.150	ug/l	96
6) Chloroethane	1.660	64	28813	20.204	ug/l	95
7) Trichlorofluoromethane	1.867	101	83934	21.561	ug/l	98
8) Diethyl Ether	2.136	74	29173	20.374	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	51925	21.215	ug/l	97
10) Methyl Iodide	2.441	142	52181	20.618	ug/l	95
11) Tert butyl alcohol	2.995	59	55279	90.117	ug/l #	87
12) 1,1-Dichloroethene	2.306	96	51628	20.851	ug/l	88
13) Acrolein	2.239	56	61286	101.360	ug/l	98
14) Allyl chloride	2.660	41	77636	20.751	ug/l	95
15) Acrylonitrile	3.075	53	166781	106.526	ug/l	98
16) Acetone	2.392	43	142025	106.177	ug/l	92
17) Carbon Disulfide	2.502	76	119044	19.757	ug/l	99
18) Methyl Acetate	2.709	43	86690	20.437	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	172661	20.718	ug/l	100
20) Methylene Chloride	2.782	84	60824	21.319	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	51803	20.795	ug/l	94
22) Diisopropyl ether	3.770	45	177921	21.647	ug/l	95
23) Vinyl Acetate	3.727	43	1024488	109.825	ug/l	98
24) 1,1-Dichloroethane	3.605	63	99756	21.103	ug/l	99
25) 2-Butanone	4.568	43	229173	109.097	ug/l	94
26) 2,2-Dichloropropane	4.477	77	59106	20.339	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	63661	21.549	ug/l	90
28) Bromochloromethane	4.904	49	36983	20.390	ug/l	89
29) Tetrahydrofuran	5.019	42	153418	108.081	ug/l	96
30) Chloroform	5.099	83	104762	21.170	ug/l	100
31) Cyclohexane	5.464	56	80471	20.854	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	90970	20.882	ug/l	96
36) 1,1-Dichloropropene	5.696	75	67528	20.225	ug/l	98
37) Ethyl Acetate	4.733	43	89972	21.537	ug/l	99
38) Carbon Tetrachloride	5.672	117	75328	19.986	ug/l	99
39) Methylcyclohexane	7.379	83	83658	21.077	ug/l	97
40) Benzene	6.037	78	219425	21.175	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47455	22.055	ug/l	94
42) 1,2-Dichloroethane	6.086	62	78939	20.943	ug/l	99
43) Isopropyl Acetate	6.348	43	128264	20.761	ug/l	96
44) Trichloroethene	7.123	130	54155	20.799	ug/l	96
45) 1,2-Dichloropropane	7.427	63	55836	21.241	ug/l	98
46) Dibromomethane	7.586	93	41295	21.390	ug/l	93
47) Bromodichloromethane	7.824	83	75957	21.179	ug/l	99
48) Methyl methacrylate	7.696	41	64050	21.621	ug/l	91
49) 1,4-Dioxane	7.677	88	28332	421.293	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	460638	111.309	ug/l	99
52) Toluene	8.720	92	137830	21.928	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	70088	21.141	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	76508	20.896	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54887	21.480	ug/l	94
56) Ethyl methacrylate	9.116	69	87928	21.384	ug/l	93
57) 1,3-Dichloropropane	9.311	76	90634	21.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	213507	110.168	ug/l	99
59) 2-Hexanone	9.433	43	349734	109.063	ug/l	96
60) Dibromochloromethane	9.525	129	58873	20.973	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58204	21.559	ug/l	99
64) Tetrachloroethene	9.275	164	49110	21.150	ug/l	94
65) Chlorobenzene	10.079	112	148506	20.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	51702	21.159	ug/l	98
67) Ethyl Benzene	10.195	91	256642	21.530	ug/l	100
68) m/p-Xylenes	10.299	106	201489	44.278	ug/l	97
69) o-Xylene	10.640	106	97078	21.296	ug/l	99
70) Styrene	10.659	104	157781	21.524	ug/l	97
71) Bromoform	10.799	173	39628	20.104	ug/l #	98
73) Isopropylbenzene	10.963	105	250540	21.755	ug/l	98
74) N-amyl acetate	10.841	43	110054	21.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89263	21.158	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72749m	20.821	ug/l	
77) Bromobenzene	11.195	156	62532	21.346	ug/l	91
78) n-propylbenzene	11.305	91	278948	21.806	ug/l	100
79) 2-Chlorotoluene	11.366	91	176477	21.524	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	210332	22.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21686	19.683	ug/l	98
82) 4-Chlorotoluene	11.457	91	199667	21.666	ug/l	99
83) tert-Butylbenzene	11.713	119	206928	21.116	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	212095	22.094	ug/l	98
85) sec-Butylbenzene	11.890	105	255415	22.134	ug/l	100
86) p-Isopropyltoluene	12.012	119	209073	21.808	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112383	21.197	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112726	20.743	ug/l	99
89) n-Butylbenzene	12.335	91	172731	20.885	ug/l	96
90) Hexachloroethane	12.536	117	36114	20.593	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	113105	21.304	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19694	21.245	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	65455	20.213	ug/l	96
94) Hexachlorobutadiene	13.725	225	28595	20.820	ug/l	99
95) Naphthalene	13.774	128	236006	21.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66975	20.546	ug/l	97

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

