

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043209.D
 Acq On : 01 Oct 2024 12:22
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 02 03:05:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 02:49:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36776	19.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.180%#		
35) Dibromofluoromethane	5.379	113	26869	19.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.180%#		
50) Toluene-d8	8.647	98	95098	19.502	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.000%#		
62) 4-Bromofluorobenzene	11.079	95	33720	19.034	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25419	18.521	ug/l	97
3) Chloromethane	1.295	50	26381	18.664	ug/l	100
4) Vinyl Chloride	1.374	62	27387	19.343	ug/l	96
5) Bromomethane	1.599	94	10358	17.907	ug/l	96
6) Chloroethane	1.666	64	9779	18.547	ug/l	95
7) Trichlorofluoromethane	1.874	101	40587	19.186	ug/l	97
8) Diethyl Ether	2.136	74	15749	19.131	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	25207	19.094	ug/l	99
10) Methyl Iodide	2.447	142	32227	19.436	ug/l	99
11) Tert butyl alcohol	2.995	59	35690m	86.653	ug/l	
12) 1,1-Dichloroethene	2.307	96	24760	18.887	ug/l	96
13) Acrolein	2.240	56	30397	87.767	ug/l	100
14) Allyl chloride	2.660	41	42380	19.678	ug/l	99
15) Acrylonitrile	3.069	53	72608	96.971	ug/l	99
16) Acetone	2.392	43	79498	98.791	ug/l	99
17) Carbon Disulfide	2.502	76	60772	19.059	ug/l	97
18) Methyl Acetate	2.709	43	34888	17.282	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	91760	19.565	ug/l	99
20) Methylene Chloride	2.788	84	28289	19.066	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	25717	19.711	ug/l	93
22) Diisopropyl ether	3.764	45	84695	19.551	ug/l	96
23) Vinyl Acetate	3.721	43	388975	84.975	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49845	19.751	ug/l	99
25) 2-Butanone	4.562	43	109850	99.558	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46409	19.328	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	31821	19.557	ug/l	98
28) Bromochloromethane	4.891	49	16439	16.511	ug/l	99
29) Tetrahydrofuran	5.007	42	67211	95.620	ug/l	99
30) Chloroform	5.093	83	54189	19.553	ug/l	94
31) Cyclohexane	5.465	56	41545	19.981	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	49372	19.395	ug/l	99
36) 1,1-Dichloropropene	5.684	75	34473	19.392	ug/l	99
37) Ethyl Acetate	4.721	43	42499	19.439	ug/l	99
38) Carbon Tetrachloride	5.672	117	41241	19.597	ug/l	99
39) Methylcyclohexane	7.373	83	45015	20.134	ug/l	97
40) Benzene	6.032	78	107255	19.900	ug/l	100

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41) Methacrylonitrile	4.928	41	21576	19.179	ug/l	95
42) 1,2-Dichloroethane	6.086	62	43994	20.031	ug/l	99
43) Isopropyl Acetate	6.342	43	68917	19.545	ug/l	99
44) Trichloroethene	7.123	130	28133	19.680	ug/l	99
45) 1,2-Dichloropropane	7.428	63	26272	19.863	ug/l	94
46) Dibromomethane	7.580	93	20824	19.647	ug/l	100
47) Bromodichloromethane	7.818	83	40763	19.562	ug/l	98
48) Methyl methacrylate	7.696	41	32697	19.133	ug/l	96
49) 1,4-Dioxane	7.665	88	13602	397.775	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	212974	99.449	ug/l	100
52) Toluene	8.714	92	67641	20.024	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40470	19.545	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43175	19.441	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26739	19.918	ug/l	98
56) Ethyl methacrylate	9.116	69	44299	20.184	ug/l	99
57) 1,3-Dichloropropane	9.305	76	45673	19.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	96134	97.173	ug/l	99
59) 2-Hexanone	9.433	43	161951	100.002	ug/l	100
60) Dibromochloromethane	9.519	129	30078	19.313	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28827	19.986	ug/l	100
64) Tetrachloroethene	9.269	164	24466	19.909	ug/l	93
65) Chlorobenzene	10.080	112	73164	19.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	25686	19.078	ug/l	97
67) Ethyl Benzene	10.195	91	128675	19.552	ug/l	98
68) m/p-Xylenes	10.299	106	96633	38.853	ug/l	100
69) o-Xylene	10.640	106	47336	19.153	ug/l	98
70) Styrene	10.653	104	78731	19.657	ug/l	99
71) Bromoform	10.799	173	19831	19.228	ug/l #	97
73) Isopropylbenzene	10.964	105	124665	19.992	ug/l	99
74) N-amyl acetate	10.842	43	58400	19.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	39868	19.625	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35012m	19.732	ug/l	
77) Bromobenzene	11.195	156	29742	19.599	ug/l	98
78) n-propylbenzene	11.305	91	135655	19.816	ug/l	99
79) 2-Chlorotoluene	11.360	91	85388	19.402	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	104796	20.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12740	18.559	ug/l	95
82) 4-Chlorotoluene	11.451	91	97857	19.519	ug/l	99
83) tert-Butylbenzene	11.713	119	104940	19.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	103628	20.022	ug/l	99
85) sec-Butylbenzene	11.890	105	125984	20.054	ug/l	99
86) p-Isopropyltoluene	12.006	119	105268	20.084	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	52684	19.708	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	53326	19.349	ug/l	98
89) n-Butylbenzene	12.329	91	83691	19.072	ug/l	99
90) Hexachloroethane	12.536	117	18843	19.169	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	54219	19.832	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9559	19.273	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	30302	19.226	ug/l	99
94) Hexachlorobutadiene	13.725	225	12182	19.498	ug/l	95
95) Naphthalene	13.774	128	108599	18.744	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30700	18.879	ug/l	98

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

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