

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043652.D
 Acq On : 31 Oct 2024 16:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 00:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	189859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	331964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119531	39.484	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.960%		
35) Dibromofluoromethane	5.385	113	103627	46.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.080%		
50) Toluene-d8	8.647	98	367432	47.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.300%		
62) 4-Bromofluorobenzene	11.079	95	135995	47.099	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81115	39.950	ug/l	96
3) Chloromethane	1.300	50	96517	37.186	ug/l	99
4) Vinyl Chloride	1.374	62	98799	41.015	ug/l	99
5) Bromomethane	1.593	94	41284	42.041	ug/l	94
6) Chloroethane	1.660	64	38235	45.053	ug/l	97
7) Trichlorofluoromethane	1.867	101	124644	42.357	ug/l	100
8) Diethyl Ether	2.136	74	56146	41.295	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	93693	47.079	ug/l	96
10) Methyl Iodide	2.440	142	129786	45.138	ug/l	95
11) Tert butyl alcohol	3.081	59	4930	8.725	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	91750	45.114	ug/l	95
13) Acrolein	2.239	56	84441	191.090	ug/l	100
14) Allyl chloride	2.654	41	147666	41.979	ug/l	94
15) Acrylonitrile	3.068	53	271976	213.188	ug/l	98
16) Acetone	2.386	43	212979	177.162	ug/l	97
17) Carbon Disulfide	2.501	76	168052	39.517	ug/l	99
18) Methyl Acetate	2.703	43	146592	41.723	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	320599	41.451	ug/l	97
20) Methylene Chloride	2.782	84	105399	40.680	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	92929	43.251	ug/l	97
22) Diisopropyl ether	3.763	45	306137	42.105	ug/l	91
23) Vinyl Acetate	3.721	43	1263732	210.382	ug/l	97
24) 1,1-Dichloroethane	3.605	63	178139	42.627	ug/l	98
25) 2-Butanone	4.562	43	348696	198.843	ug/l	96
26) 2,2-Dichloropropane	4.471	77	153567	44.893	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	120293	43.828	ug/l	96
28) Bromochloromethane	4.891	49	83228	41.865	ug/l	92
29) Tetrahydrofuran	5.007	42	226223	198.507	ug/l	95
30) Chloroform	5.086	83	184616	42.143	ug/l	99
31) Cyclohexane	5.458	56	142124	44.465	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	161389	43.882	ug/l	98
36) 1,1-Dichloropropene	5.690	75	119365	44.719	ug/l	98
37) Ethyl Acetate	4.714	43	135058	41.678	ug/l	98
38) Carbon Tetrachloride	5.672	117	132915	45.067	ug/l	98
39) Methylcyclohexane	7.373	83	160020	48.287	ug/l	97
40) Benzene	6.031	78	395886	44.459	ug/l	99

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41) Methacrylonitrile	4.922	41	76452	44.946	ug/l	96
42) 1,2-Dichloroethane	6.080	62	130905	40.892	ug/l	97
43) Isopropyl Acetate	6.342	43	227321	42.418	ug/l	97
44) Trichloroethene	7.123	130	101856	46.044	ug/l	99
45) 1,2-Dichloropropane	7.427	63	97309	44.381	ug/l	100
46) Dibromomethane	7.580	93	71787	42.522	ug/l	95
47) Bromodichloromethane	7.818	83	133350	45.026	ug/l	98
48) Methyl methacrylate	7.690	41	108652	42.763	ug/l	94
49) 1,4-Dioxane	7.665	88	30700	588.112	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	713498	218.440	ug/l	96
52) Toluene	8.714	92	249024	46.113	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	142081	44.666	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	158466	46.756	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	100468	44.695	ug/l	95
56) Ethyl methacrylate	9.116	69	163945	44.885	ug/l	93
57) 1,3-Dichloropropane	9.305	76	167438	44.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	400083	226.167	ug/l	97
59) 2-Hexanone	9.433	43	536074	216.091	ug/l	97
60) Dibromochloromethane	9.518	129	106500	47.846	ug/l	100
61) 1,2-Dibromoethane	9.610	107	106737	45.742	ug/l	97
64) Tetrachloroethene	9.269	164	91067	51.062	ug/l	95
65) Chlorobenzene	10.079	112	282261	46.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	97777	49.068	ug/l	99
67) Ethyl Benzene	10.189	91	476690	47.919	ug/l	99
68) m/p-Xylenes	10.299	106	369533	97.136	ug/l	96
69) o-Xylene	10.640	106	185980	48.657	ug/l	95
70) Styrene	10.652	104	312015	49.113	ug/l	98
71) Bromoform	10.799	173	69171	48.278	ug/l #	98
73) Isopropylbenzene	10.963	105	472592	49.005	ug/l	99
74) N-amyl acetate	10.841	43	201837	42.963	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	154310	44.498	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	128017m	43.979	ug/l	
77) Bromobenzene	11.195	156	116958	46.968	ug/l	97
78) n-propylbenzene	11.305	91	523438	49.781	ug/l	98
79) 2-Chlorotoluene	11.366	91	319627	45.842	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	390248	48.533	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	49538	46.818	ug/l	90
82) 4-Chlorotoluene	11.451	91	362801	46.359	ug/l	96
83) tert-Butylbenzene	11.713	119	395099	48.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	395084	48.213	ug/l	97
85) sec-Butylbenzene	11.890	105	481619	50.246	ug/l	98
86) p-Isopropyltoluene	12.006	119	408726	50.165	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	216759	48.565	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	212674	45.986	ug/l	98
89) n-Butylbenzene	12.329	91	340213	51.244	ug/l	97
90) Hexachloroethane	12.536	117	65663	49.615	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	215329	47.180	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29927	42.332	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	132890	47.970	ug/l	98
94) Hexachlorobutadiene	13.725	225	52533	51.432	ug/l	98
95) Naphthalene	13.774	128	495051	46.698	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137576	47.101	ug/l	98

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

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