

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043190.D
 Acq On : 30 Sep 2024 10:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 01:47:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79152	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	82812	45.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.540%
35) Dibromofluoromethane	5.379	113	63345	46.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	212129	46.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.079	95	81680	44.084	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	51753	44.066	ug/l	100
3) Chloromethane	1.294	50	53069	44.259	ug/l	98
4) Vinyl Chloride	1.374	62	56528	46.411	ug/l	97
5) Bromomethane	1.599	94	21531	30.728	ug/l	94
6) Chloroethane	1.666	64	21964	28.165	ug/l	98
7) Trichlorofluoromethane	1.874	101	88569	40.968	ug/l	97
8) Diethyl Ether	2.136	74	35929	49.499	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	58398	47.857	ug/l	99
10) Methyl Iodide	2.447	142	73312	50.548	ug/l	100
11) Tert butyl alcohol	2.995	59	96886	237.210	ug/l	99
12) 1,1-Dichloroethene	2.312	96	53627	45.946	ug/l	96
13) Acrolein	2.239	56	12784	237.574	ug/l	100
14) Allyl chloride	2.660	41	96907	44.713	ug/l	98
15) Acrylonitrile	3.068	53	180321	254.513	ug/l	99
16) Acetone	2.386	43	187684	219.385	ug/l	99
17) Carbon Disulfide	2.501	76	109977	37.907	ug/l	100
18) Methyl Acetate	2.703	43	134162	58.265	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	221686	49.847	ug/l	99
20) Methylene Chloride	2.782	84	64081	47.081	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	54217	44.892	ug/l	97
22) Diisopropyl ether	3.763	45	203690	50.193	ug/l	96
23) Vinyl Acetate	3.721	43	1162042	243.418	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115412	49.188	ug/l	98
25) 2-Butanone	4.556	43	268445	243.422	ug/l	98
26) 2,2-Dichloropropane	4.471	77	112368	47.317	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	73387	48.811	ug/l	99
28) Bromochloromethane	4.897	49	47298	45.794	ug/l	98
29) Tetrahydrofuran	5.007	42	163145	245.991	ug/l	100
30) Chloroform	5.086	83	125744	48.605	ug/l	100
31) Cyclohexane	5.458	56	81934	45.544	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	115528	47.143	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77106	46.144	ug/l	100
37) Ethyl Acetate	4.714	43	98221	46.797	ug/l	100
38) Carbon Tetrachloride	5.672	117	96247	44.714	ug/l	99
39) Methylcyclohexane	7.373	83	93250	44.466	ug/l	95
40) Benzene	6.031	78	238324	48.335	ug/l	99

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41) Methacrylonitrile	4.922	41	55069	52.776	ug/l	99
42) 1,2-Dichloroethane	6.080	62	100485	47.996	ug/l	99
43) Isopropyl Acetate	6.336	43	169048	48.221	ug/l	99
44) Trichloroethene	7.123	130	62862	46.596	ug/l	99
45) 1,2-Dichloropropane	7.427	63	61085	49.738	ug/l	100
46) Dibromomethane	7.580	93	49557	47.921	ug/l	99
47) Bromodichloromethane	7.818	83	102363	47.601	ug/l	97
48) Methyl methacrylate	7.690	41	83163	48.296	ug/l	98
49) 1,4-Dioxane	7.665	88	34380	1057.644	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	527602	244.977	ug/l	100
52) Toluene	8.714	92	153180	48.240	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102307	46.345	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	107346	48.692	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	64648	49.447	ug/l	97
56) Ethyl methacrylate	9.116	69	111663	49.081	ug/l	99
57) 1,3-Dichloropropane	9.305	76	108501	48.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	247400	268.945	ug/l	100
59) 2-Hexanone	9.427	43	402051	238.746	ug/l	99
60) Dibromochloromethane	9.518	129	79917	46.807	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68656	47.993	ug/l	99
64) Tetrachloroethene	9.269	164	55550	45.879	ug/l	96
65) Chlorobenzene	10.079	112	174563	48.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	65391	49.177	ug/l	99
67) Ethyl Benzene	10.189	91	305622	49.010	ug/l	99
68) m/p-Xylenes	10.299	106	225442	97.144	ug/l	100
69) o-Xylene	10.640	106	113926	48.945	ug/l	98
70) Styrene	10.652	104	191614	49.351	ug/l	99
71) Bromoform	10.799	173	55668	47.599	ug/l #	98
73) Isopropylbenzene	10.957	105	298969	50.365	ug/l	99
74) N-ethyl acetate	10.841	43	142827	51.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98343	51.485	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	87427m	51.953	ug/l	
77) Bromobenzene	11.195	156	71405	50.107	ug/l	99
78) n-propylbenzene	11.305	91	336065	49.900	ug/l	100
79) 2-Chlorotoluene	11.360	91	206077	48.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	245414	49.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34043	48.199	ug/l	100
82) 4-Chlorotoluene	11.451	91	240663	49.845	ug/l	99
83) tert-Butylbenzene	11.713	119	255914	50.567	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249405	51.043	ug/l	99
85) sec-Butylbenzene	11.890	105	313440	50.392	ug/l	100
86) p-Isopropyltoluene	12.006	119	259093	50.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130530	50.236	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129083	49.541	ug/l	98
89) n-Butylbenzene	12.329	91	223271	49.611	ug/l	100
90) Hexachloroethane	12.536	117	51275	49.824	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	130014	50.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25342	49.071	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80929	51.012	ug/l	98
94) Hexachlorobutadiene	13.725	225	32282	48.431	ug/l	99
95) Naphthalene	13.774	128	283702	51.448	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	82270	52.194	ug/l	99

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

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