

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043205.D
 Acq On : 01 Oct 2024 10:24
 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 02 04:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 04:21:52 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	5.538	168	100228	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	169363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70701	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	79333	45.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.960%
35) Dibromofluoromethane	5.379	113	59772	49.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.647	98	200860	49.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	77467	52.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	66919	57.400	ug/l	97
3) Chloromethane	1.294	50	62837	52.333	ug/l	100
4) Vinyl Chloride	1.374	62	65100	54.129	ug/l	97
5) Bromomethane	1.599	94	26931	54.809	ug/l	99
6) Chloroethane	1.666	64	23749	53.026	ug/l	98
7) Trichlorofluoromethane	1.867	101	106464	59.246	ug/l	99
8) Diethyl Ether	2.136	74	37447	53.549	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	63158	56.321	ug/l	99
10) Methyl Iodide	2.447	142	78161	57.560	ug/l	98
11) Tert butyl alcohol	2.995	59	84986	268.067	ug/l	99
12) 1,1-Dichloroethene	2.306	96	61127	54.892	ug/l	96
13) Acrolein	2.239	56	9601	32.634	ug/l	97
14) Allyl chloride	2.654	41	100814	55.105	ug/l	99
15) Acrylonitrile	3.062	53	171122	269.042	ug/l	99
16) Acetone	2.386	43	189278	276.895	ug/l	100
17) Carbon Disulfide	2.502	76	148797	54.936	ug/l	98
18) Methyl Acetate	2.703	43	96465	56.254	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	219382	55.066	ug/l	98
20) Methylene Chloride	2.782	84	66790	52.993	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	60885	54.937	ug/l	93
22) Diisopropyl ether	3.757	45	202935	55.149	ug/l	97
23) Vinyl Acetate	3.715	43	1233134	317.130	ug/l	100
24) 1,1-Dichloroethane	3.605	63	118860	55.445	ug/l	100
25) 2-Butanone	4.556	43	253050	269.986	ug/l	100
26) 2,2-Dichloropropane	4.465	77	115978	56.862	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	75134	54.359	ug/l	99
28) Bromochloromethane	4.891	49	46993	55.564	ug/l	99
29) Tetrahydrofuran	5.001	42	156938	262.841	ug/l	99
30) Chloroform	5.086	83	127994	54.368	ug/l	100
31) Cyclohexane	5.458	56	96333	54.541	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	118792	54.937	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85156	57.711	ug/l	99
37) Ethyl Acetate	4.708	43	97810	55.176	ug/l	98
38) Carbon Tetrachloride	5.666	117	100769	57.688	ug/l	97
39) Methylcyclohexane	7.373	83	108678	58.561	ug/l	99
40) Benzene	6.031	78	251635	56.248	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52572	56.995	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102314	56.123	ug/l	99
43) Isopropyl Acetate	6.336	43	164412	56.175	ug/l	100
44) Trichloroethene	7.117	130	66703	56.214	ug/l	100
45) 1,2-Dichloropropane	7.427	63	62276	56.724	ug/l	95
46) Dibromomethane	7.574	93	50232	57.098	ug/l	98
47) Bromodichloromethane	7.818	83	100764	58.258	ug/l	98
48) Methyl methacrylate	7.690	41	80627	57.647	ug/l	99
49) 1,4-Dioxane	7.665	88	30314	1085.933	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	492304	276.952	ug/l	98
52) Toluene	8.714	92	161651	57.654	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103953	60.483	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	109024	59.143	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	64444	57.834	ug/l	98
56) Ethyl methacrylate	9.116	69	108789	59.716	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107779	56.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	227326	276.834	ug/l	100
59) 2-Hexanone	9.427	43	381414	283.741	ug/l	100
60) Dibromochloromethane	9.519	129	78096	60.413	ug/l	98
61) 1,2-Dibromoethane	9.604	107	68526	57.238	ug/l	99
64) Tetrachloroethene	9.269	164	58577	56.844	ug/l	97
65) Chlorobenzene	10.079	112	178393	55.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64911	57.495	ug/l	99
67) Ethyl Benzene	10.189	91	315075	57.093	ug/l	99
68) m/p-Xylenes	10.299	106	234240	112.315	ug/l	99
69) o-Xylene	10.640	106	116187	56.064	ug/l	98
70) Styrene	10.652	104	193999	57.762	ug/l	100
71) Bromoform	10.799	173	51093	59.077	ug/l #	99
73) Isopropylbenzene	10.963	105	301765	54.898	ug/l	99
74) N-amyl acetate	10.841	43	142671	54.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	95265	53.200	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82677m	52.720	ug/l	
77) Bromobenzene	11.195	156	72243	54.006	ug/l	100
78) n-propylbenzene	11.305	91	346723	57.458	ug/l	100
79) 2-Chlorotoluene	11.360	91	209666	54.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	252271	55.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33085	54.676	ug/l	98
82) 4-Chlorotoluene	11.451	91	242475	54.867	ug/l	99
83) tert-Butylbenzene	11.713	119	255318	54.655	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	253781	55.626	ug/l	98
85) sec-Butylbenzene	11.890	105	312579	56.445	ug/l	100
86) p-Isopropyltoluene	12.006	119	265640	57.495	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133500	56.654	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	133500	56.471	ug/l	99
89) n-Butylbenzene	12.329	91	232637	60.143	ug/l	100
90) Hexachloroethane	12.536	117	50885	58.725	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	130372	54.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23851	54.554	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83124	59.833	ug/l	100
94) Hexachlorobutadiene	13.725	225	33299	60.462	ug/l	98
95) Naphthalene	13.774	128	283883	55.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	82740	57.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

