

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043242.D
 Acq On : 02 Oct 2024 19:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 03 02:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88801	50.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.700%
35) Dibromofluoromethane	5.385	113	65347	49.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.647	98	225170	49.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	83451	50.155	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64279	51.176	ug/l	98
3) Chloromethane	1.301	50	63185	48.844	ug/l	99
4) Vinyl Chloride	1.374	62	64763	49.981	ug/l	99
5) Bromomethane	1.599	94	25245	47.688	ug/l	98
6) Chloroethane	1.666	64	28341	58.735	ug/l	99
7) Trichlorofluoromethane	1.874	101	105051	54.262	ug/l	99
8) Diethyl Ether	2.136	74	37395	49.635	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	60711	50.251	ug/l	99
10) Methyl Iodide	2.447	142	81969	54.017	ug/l	99
11) Tert butyl alcohol	2.989	59	93334	278.119	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57720	48.110	ug/l	98
13) Acrolein	2.239	56	78777	248.536	ug/l	99
14) Allyl chloride	2.660	41	97767	49.601	ug/l	99
15) Acrylonitrile	3.069	53	175434	256.013	ug/l	99
16) Acetone	2.386	43	163549	222.073	ug/l	99
17) Carbon Disulfide	2.508	76	135675	46.494	ug/l	97
18) Methyl Acetate	2.709	43	101463	54.919	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	218895	50.997	ug/l	99
20) Methylene Chloride	2.788	84	66272	48.805	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	58883	49.315	ug/l	96
22) Diisopropyl ether	3.764	45	201620	50.856	ug/l	98
23) Vinyl Acetate	3.721	43	1238676	268.444	ug/l	100
24) 1,1-Dichloroethane	3.605	63	118009	51.095	ug/l	99
25) 2-Butanone	4.562	43	254536	252.068	ug/l	100
26) 2,2-Dichloropropane	4.471	77	101902	46.372	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	74697	50.162	ug/l	98
28) Bromochloromethane	4.897	49	44845	49.216	ug/l	99
29) Tetrahydrofuran	5.007	42	162924	253.270	ug/l	100
30) Chloroform	5.093	83	126379	49.827	ug/l	98
31) Cyclohexane	5.464	56	91192	47.923	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	116171	49.866	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80521	48.228	ug/l	100
37) Ethyl Acetate	4.715	43	100814	50.282	ug/l	99
38) Carbon Tetrachloride	5.672	117	98277	49.723	ug/l	99
39) Methylcyclohexane	7.379	83	101462	48.319	ug/l	99
40) Benzene	6.037	78	247622	48.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53599	51.356	ug/l	98
42) 1,2-Dichloroethane	6.086	62	104043	50.439	ug/l	100
43) Isopropyl Acetate	6.342	43	168940	51.014	ug/l	100
44) Trichloroethene	7.123	130	63940	47.623	ug/l	97
45) 1,2-Dichloropropane	7.428	63	61174	49.245	ug/l	97
46) Dibromomethane	7.580	93	50382	50.613	ug/l	98
47) Bromodichloromethane	7.818	83	98933	50.552	ug/l	100
48) Methyl methacrylate	7.690	41	82116	50.536	ug/l	99
49) 1,4-Dioxane	7.665	88	34263	1084.754	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	514457	255.780	ug/l	100
52) Toluene	8.714	92	157030	49.497	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	99791	51.314	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103961	49.843	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	63918	50.696	ug/l	100
56) Ethyl methacrylate	9.116	69	109154	52.953	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107078	49.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	245105	263.796	ug/l	100
59) 2-Hexanone	9.433	43	391320	257.279	ug/l	100
60) Dibromochloromethane	9.519	129	75232	51.434	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68065	50.246	ug/l	100
64) Tetrachloroethene	9.269	164	54568	47.164	ug/l	96
65) Chlorobenzene	10.079	112	171980	47.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	63335	49.966	ug/l	99
67) Ethyl Benzene	10.195	91	308169	49.736	ug/l	98
68) m/p-Xylenes	10.299	106	227152	97.008	ug/l	99
69) o-Xylene	10.640	106	112523	48.359	ug/l	100
70) Styrene	10.653	104	188307	49.937	ug/l	99
71) Bromoform	10.799	173	49634	51.116	ug/l #	100
73) Isopropylbenzene	10.963	105	294036	49.979	ug/l	100
74) N-amyl acetate	10.842	43	143166	51.262	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	96538	50.370	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82079m	48.901	ug/l	
77) Bromobenzene	11.195	156	70106	48.966	ug/l	100
78) n-propylbenzene	11.305	91	331539	51.333	ug/l	99
79) 2-Chlorotoluene	11.360	91	203306	48.964	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	242641	49.998	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31632	48.842	ug/l	99
82) 4-Chlorotoluene	11.451	91	230932	48.823	ug/l	99
83) tert-Butylbenzene	11.713	119	248797	49.761	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	242589	49.680	ug/l	98
85) sec-Butylbenzene	11.890	105	301338	50.841	ug/l	100
86) p-Isopropyltoluene	12.006	119	251926	50.945	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123970	49.154	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	123194	47.379	ug/l	99
89) n-Butylbenzene	12.329	91	211095	50.990	ug/l	100
90) Hexachloroethane	12.536	117	46933	50.607	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	124562	48.294	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23701	50.650	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	74307	49.973	ug/l	99
94) Hexachlorobutadiene	13.725	225	30606	51.923	ug/l	100
95) Naphthalene	13.774	128	271572	49.682	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	75523	49.227	ug/l	97

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

