

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043210.D
 Acq On : 01 Oct 2024 12:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 02 03:17:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 03:09:11 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	107475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87515	49.860	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.720%		
35) Dibromofluoromethane	5.385	113	63750	49.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	8.647	98	227896	50.902	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.800%		
62) 4-Bromofluorobenzene	11.079	95	84837	52.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64385	51.502	ug/l	100
3) Chloromethane	1.294	50	64573	50.153	ug/l	100
4) Vinyl Chloride	1.374	62	64833	50.272	ug/l	100
5) Bromomethane	1.599	94	25715	48.805	ug/l	100
6) Chloroethane	1.666	64	24209	50.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	93423	48.483	ug/l	100
8) Diethyl Ether	2.136	74	36928	49.246	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	60088	49.970	ug/l	100
10) Methyl Iodide	2.447	142	77297	51.179	ug/l	100
11) Tert butyl alcohol	2.995	59	85776m	230.424	ug/l	
12) 1,1-Dichloroethene	2.313	96	58964	49.380	ug/l	100
13) Acrolein	2.239	56	79015	250.465	ug/l	100
14) Allyl chloride	2.660	41	98076	49.993	ug/l	100
15) Acrylonitrile	3.069	53	171765	251.843	ug/l	100
16) Acetone	2.386	43	170286	232.314	ug/l	100
17) Carbon Disulfide	2.502	76	141960	48.877	ug/l	100
18) Methyl Acetate	2.709	43	95724	52.057	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	214234	50.147	ug/l	100
20) Methylene Chloride	2.788	84	65794	48.682	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59161	49.782	ug/l	100
22) Diisopropyl ether	3.764	45	197404	50.028	ug/l	100
23) Vinyl Acetate	3.721	43	1210300	290.270	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115342	50.176	ug/l	100
25) 2-Butanone	4.562	43	253179	251.909	ug/l	100
26) 2,2-Dichloropropane	4.471	77	108405	49.565	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	73353	49.492	ug/l	100
28) Bromochloromethane	4.897	49	43435	47.894	ug/l	100
29) Tetrahydrofuran	5.007	42	156911	245.075	ug/l	100
30) Chloroform	5.093	83	123733	49.014	ug/l	100
31) Cyclohexane	5.464	56	92480	48.829	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	116430	50.214	ug/l	100
36) 1,1-Dichloropropene	5.690	75	81187	49.743	ug/l	100
37) Ethyl Acetate	4.715	43	97471	48.558	ug/l	100
38) Carbon Tetrachloride	5.672	117	98681	51.073	ug/l	100
39) Methylcyclohexane	7.373	83	102941	50.148	ug/l	100
40) Benzene	6.031	78	246144	49.742	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54181	52.457	ug/l	100
42) 1,2-Dichloroethane	6.086	62	102059	50.613	ug/l	100
43) Isopropyl Acetate	6.342	43	166730	51.502	ug/l	100
44) Trichloroethene	7.123	130	64025	48.781	ug/l	100
45) 1,2-Dichloropropane	7.428	63	61382	50.546	ug/l	100
46) Dibromomethane	7.580	93	49270	50.632	ug/l	100
47) Bromodichloromethane	7.818	83	98747	51.615	ug/l	100
48) Methyl methacrylate	7.696	41	81496	51.940	ug/l	100
49) 1,4-Dioxane	7.665	88	31946	1017.535	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	508217	258.476	ug/l	100
52) Toluene	8.714	92	158219	51.016	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	101616	53.451	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104904	51.449	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	63767	51.736	ug/l	100
56) Ethyl methacrylate	9.116	69	108868	54.026	ug/l	100
57) 1,3-Dichloropropane	9.305	76	108262	51.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247882	272.907	ug/l	100
59) 2-Hexanone	9.433	43	386980	260.264	ug/l	100
60) Dibromochloromethane	9.519	129	76277	53.345	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68281	51.562	ug/l	100
64) Tetrachloroethene	9.269	164	56720	49.361	ug/l	100
65) Chlorobenzene	10.079	112	175184	49.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	64449	51.194	ug/l	100
67) Ethyl Benzene	10.189	91	312493	50.780	ug/l	100
68) m/p-Xylenes	10.299	106	233006	100.192	ug/l	100
69) o-Xylene	10.640	106	114771	49.664	ug/l	100
70) Styrene	10.653	104	192929	51.514	ug/l	100
71) Bromoform	10.799	173	50539	52.405	ug/l #	100
73) Isopropylbenzene	10.963	105	302671	50.296	ug/l	100
74) N-amyl acetate	10.842	43	142466	49.870	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	96592	49.270	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82914m	48.421	ug/l	
77) Bromobenzene	11.195	156	71854	49.064	ug/l	100
78) n-propylbenzene	11.305	91	339918	51.453	ug/l	100
79) 2-Chlorotoluene	11.366	91	206498	48.620	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	246409	49.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32438	48.965	ug/l	100
82) 4-Chlorotoluene	11.451	91	238000	49.191	ug/l	100
83) tert-Butylbenzene	11.713	119	252749	49.420	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	249963	50.045	ug/l	100
85) sec-Butylbenzene	11.890	105	305470	50.385	ug/l	100
86) p-Isopropyltoluene	12.006	119	255450	50.502	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	126117	48.887	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	126827	47.685	ug/l	100
89) n-Butylbenzene	12.329	91	219052	51.728	ug/l	100
90) Hexachloroethane	12.536	117	48838	51.483	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	127738	48.417	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24130	50.413	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	77482	50.942	ug/l	100
94) Hexachlorobutadiene	13.725	225	31084	51.553	ug/l	100
95) Naphthalene	13.774	128	277418	49.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78666	50.129	ug/l	100

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

