

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043087.D
 Acq On : 22 Aug 2024 14:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 04:21:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	348815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	634828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	546529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	282978	49.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.700%		
35) Dibromofluoromethane	5.385	113	215586	49.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	8.647	98	774845	49.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	278109	50.587	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	162584	52.093	ug/l	99
3) Chloromethane	1.294	50	222045	47.462	ug/l	100
4) Vinyl Chloride	1.374	62	234018	47.244	ug/l	100
5) Bromomethane	1.599	94	144355	48.885	ug/l	100
6) Chloroethane	1.666	64	125368m	53.891	ug/l	
7) Trichlorofluoromethane	1.867	101	386759	46.197	ug/l	96
8) Diethyl Ether	2.136	74	179990	49.721	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.318	101	202112	49.537	ug/l	97
10) Methyl Iodide	2.440	142	210414	48.683	ug/l	93
11) Tert butyl alcohol	2.995	59	309577	260.666	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	194847	47.537	ug/l	91
13) Acrolein	2.239	56	126028	253.034	ug/l	95
14) Allyl chloride	2.660	41	354896	48.802	ug/l	97
15) Acrylonitrile	3.068	53	706837	253.535	ug/l	98
16) Acetone	2.392	43	612891	243.573	ug/l	93
17) Carbon Disulfide	2.501	76	507066	47.999	ug/l	99
18) Methyl Acetate	2.709	43	407294	50.995	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	795473	51.569	ug/l	99
20) Methylene Chloride	2.782	84	233325	47.877	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	206925	49.118	ug/l	98
22) Diisopropyl ether	3.763	45	801187	50.274	ug/l	94
23) Vinyl Acetate	3.721	43	4680038	262.148	ug/l	96
24) 1,1-Dichloroethane	3.605	63	419968	49.454	ug/l	99
25) 2-Butanone	4.562	43	997278	260.195	ug/l	97
26) 2,2-Dichloropropane	4.471	77	340135	47.304	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	259940	49.320	ug/l	95
28) Bromochloromethane	4.891	49	187142	48.323	ug/l	98
29) Tetrahydrofuran	5.007	42	668377	263.151	ug/l	98
30) Chloroform	5.086	83	423257	49.589	ug/l	97
31) Cyclohexane	5.464	56	346170	48.429	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	355870	49.228	ug/l	99
36) 1,1-Dichloropropene	5.684	75	274386	49.446	ug/l	99
37) Ethyl Acetate	4.720	43	395053	50.152	ug/l	99
38) Carbon Tetrachloride	5.672	117	294177	50.735	ug/l	96
39) Methylcyclohexane	7.379	83	359803	49.153	ug/l	94
40) Benzene	6.031	78	894969	49.556	ug/l	99

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41) Methacrylonitrile	4.922	41	208600	54.687	ug/l	94
42) 1,2-Dichloroethane	6.080	62	333495	51.499	ug/l	97
43) Isopropyl Acetate	6.342	43	641416	51.688	ug/l	99
44) Trichloroethene	7.122	130	201522	48.958	ug/l	97
45) 1,2-Dichloropropane	7.427	63	230266	50.576	ug/l	100
46) Dibromomethane	7.580	93	166803	50.022	ug/l	99
47) Bromodichloromethane	7.817	83	333597	50.666	ug/l	95
48) Methyl methacrylate	7.696	41	294825	53.621	ug/l	92
49) 1,4-Dioxane	7.665	88	98141	885.554	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	1994546	267.461	ug/l	99
52) Toluene	8.714	92	549408	50.228	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	351088	52.514	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	372801	50.754	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	225265	50.923	ug/l	92
56) Ethyl methacrylate	9.116	69	404136	52.981	ug/l	97
57) 1,3-Dichloropropane	9.305	76	387626	50.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	961967	264.047	ug/l	98
59) 2-Hexanone	9.433	43	1531585	267.178	ug/l	97
60) Dibromochloromethane	9.518	129	259422	53.170	ug/l	98
61) 1,2-Dibromoethane	9.610	107	228909	52.208	ug/l	100
64) Tetrachloroethene	9.275	164	169998	47.341	ug/l	97
65) Chlorobenzene	10.079	112	592512	49.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	205242	49.783	ug/l	99
67) Ethyl Benzene	10.195	91	1031727	50.083	ug/l	99
68) m/p-Xylenes	10.299	106	784928	100.102	ug/l	98
69) o-Xylene	10.640	106	396981	49.866	ug/l	98
70) Styrene	10.652	104	668362	51.356	ug/l	97
71) Bromoform	10.799	173	180315	52.970	ug/l #	99
73) Isopropylbenzene	10.963	105	998627	47.307	ug/l	98
74) N-amyl acetate	10.841	43	572284	51.063	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	374343	47.729	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	309227m	49.118	ug/l	
77) Bromobenzene	11.195	156	231759	48.507	ug/l	98
78) n-propylbenzene	11.305	91	1175119	49.473	ug/l	99
79) 2-Chlorotoluene	11.366	91	702870	47.197	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	845035	49.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	133487	49.146	ug/l	87
82) 4-Chlorotoluene	11.451	91	801316	48.178	ug/l	98
83) tert-Butylbenzene	11.713	119	851455	47.616	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	856954	49.789	ug/l	98
85) sec-Butylbenzene	11.890	105	1073535	49.642	ug/l	100
86) p-Isopropyltoluene	12.006	119	888650	50.614	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	445542	49.479	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	445146	49.190	ug/l	99
89) n-Butylbenzene	12.329	91	802854	51.873	ug/l	98
90) Hexachloroethane	12.536	117	174729	47.926	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	441436	48.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	87782	51.458	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	251725	51.107	ug/l	97
94) Hexachlorobutadiene	13.725	225	93760	48.871	ug/l	99
95) Naphthalene	13.774	128	998312	51.834	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253404	49.010	ug/l	97

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

