

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043539.D
 Acq On : 26 Oct 2024 00:11
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 26 04:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	130141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204727	99.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 198.340%#			
35) Dibromofluoromethane	5.385	113	159592	101.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.420%#			
50) Toluene-d8	8.646	98	537922	98.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 196.760%#			
62) 4-Bromofluorobenzene	11.079	95	201015	100.655	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 201.300%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	138832	95.703	ug/l	98
3) Chloromethane	1.294	50	173408	93.700	ug/l	99
4) Vinyl Chloride	1.373	62	168258	99.810	ug/l	98
5) Bromomethane	1.593	94	68244	103.646	ug/l	98
6) Chloroethane	1.660	64	53881	97.681	ug/l	98
7) Trichlorofluoromethane	1.855	101	219656	99.282	ug/l	98
8) Diethyl Ether	2.135	74	98245	101.662	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.306	101	134962	96.643	ug/l	98
10) Methyl Iodide	2.440	142	203545	105.253	ug/l	99
11) Tert butyl alcohol	3.038	59	231608	525.276	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	143498	104.514	ug/l	99
13) Acrolein	2.245	56	177917	512.068	ug/l	98
14) Allyl chloride	2.654	41	255279	104.778	ug/l	98
15) Acrylonitrile	3.074	53	508438	520.547	ug/l	100
16) Acetone	2.398	43	439571	498.827	ug/l	99
17) Carbon Disulfide	2.495	76	317232	111.623	ug/l	99
18) Methyl Acetate	2.708	43	265356	100.195	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	549602	102.880	ug/l	98
20) Methylene Chloride	2.782	84	172087	99.928	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	149817	100.788	ug/l	95
22) Diisopropyl ether	3.769	45	517835	102.979	ug/l	90
23) Vinyl Acetate	3.720	43	2286636	550.437	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290595	102.451	ug/l	99
25) 2-Butanone	4.568	43	688888	514.714	ug/l	99
26) 2,2-Dichloropropane	4.470	77	207644	101.572	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	191352	103.320	ug/l	99
28) Bromochloromethane	4.897	49	136140	97.020	ug/l	98
29) Tetrahydrofuran	5.013	42	443777	507.812	ug/l	99
30) Chloroform	5.092	83	306283	100.975	ug/l	98
31) Cyclohexane	5.464	56	218895	97.268	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	263232	103.268	ug/l	100
36) 1,1-Dichloropropene	5.684	75	185554	99.424	ug/l	99
37) Ethyl Acetate	4.720	43	262307	102.983	ug/l	100
38) Carbon Tetrachloride	5.671	117	215916	101.814	ug/l	98
39) Methylcyclohexane	7.372	83	235792	98.520	ug/l	97
40) Benzene	6.031	78	630697	101.095	ug/l	98

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41) Methacrylonitrile	4.928	41	141342	110.321	ug/l	98
42) 1,2-Dichloroethane	6.086	62	238966	104.130	ug/l	100
43) Isopropyl Acetate	6.342	43	423980	105.228	ug/l	99
44) Trichloroethene	7.122	130	154207	104.256	ug/l	99
45) 1,2-Dichloropropane	7.427	63	159639	104.785	ug/l	98
46) Dibromomethane	7.580	93	126937	108.462	ug/l	98
47) Bromodichloromethane	7.817	83	233195	112.318	ug/l	98
48) Methyl methacrylate	7.695	41	210301	111.798	ug/l	98
49) 1,4-Dioxane	7.671	88	100954	2088.909	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	1346539	527.442	ug/l	100
52) Toluene	8.713	92	388784	101.079	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	239350	113.916	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	257575	111.629	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	164694	101.465	ug/l	99
56) Ethyl methacrylate	9.116	69	285316	108.769	ug/l	99
57) 1,3-Dichloropropane	9.305	76	277116	103.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	692672	536.819	ug/l	99
59) 2-Hexanone	9.433	43	1028696	532.894	ug/l	99
60) Dibromochloromethane	9.518	129	178882	117.781	ug/l	99
61) 1,2-Dibromoethane	9.610	107	175253	107.107	ug/l	97
64) Tetrachloroethene	9.274	164	125368	96.726	ug/l	96
65) Chlorobenzene	10.079	112	434608	100.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	155795	107.091	ug/l	98
67) Ethyl Benzene	10.195	91	724592	101.127	ug/l	99
68) m/p-Xylenes	10.299	106	556684	205.067	ug/l	98
69) o-Xylene	10.640	106	279936	100.316	ug/l	99
70) Styrene	10.652	104	481616	106.636	ug/l	99
71) Bromoform	10.799	173	120307	98.689	ug/l #	98
73) Isopropylbenzene	10.963	105	691472	99.776	ug/l	100
74) N-amyl acetate	10.841	43	376608	107.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	266720	100.465	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	215821m	95.752	ug/l	
77) Bromobenzene	11.195	156	179956	101.717	ug/l	99
78) n-propylbenzene	11.305	91	763924	103.431	ug/l	99
79) 2-Chlorotoluene	11.365	91	488486	98.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	581000	100.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	85462	98.690	ug/l	95
82) 4-Chlorotoluene	11.451	91	560744	102.245	ug/l	98
83) tert-Butylbenzene	11.713	119	603469	102.840	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	596263	101.318	ug/l	100
85) sec-Butylbenzene	11.890	105	692457	101.890	ug/l	99
86) p-Isopropyltoluene	12.006	119	588732	104.563	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	315969	99.533	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	314024	98.132	ug/l	100
89) n-Butylbenzene	12.329	91	493603	108.139	ug/l	99
90) Hexachloroethane	12.536	117	103107	113.200	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	328993	100.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	62112	109.956	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	207091	108.040	ug/l	99
94) Hexachlorobutadiene	13.725	225	67646	99.719	ug/l	99
95) Naphthalene	13.774	128	856235	108.860	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213385	106.401	ug/l	99

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

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