

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043088.D
 Acq On : 22 Aug 2024 15:08
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 23 04:22:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	336865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	615609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	534350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	580390	104.815	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 209.640%#			
35) Dibromofluoromethane	5.385	113	445508	104.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 209.780%#			
50) Toluene-d8	8.647	98	1593094	104.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.020%#			
62) 4-Bromofluorobenzene	11.079	95	579226	108.649	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 217.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	300777	99.790	ug/l	98
3) Chloromethane	1.294	50	427744	94.673	ug/l	98
4) Vinyl Chloride	1.373	62	460130	96.187	ug/l	99
5) Bromomethane	1.599	94	292509	102.571	ug/l	97
6) Chloroethane	1.660	64	213693m	95.118	ug/l	
7) Trichlorofluoromethane	1.867	101	742829	91.876	ug/l	98
8) Diethyl Ether	2.136	74	351666	100.592	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	387278	98.288	ug/l	98
10) Methyl Iodide	2.440	142	410294	98.296	ug/l	92
11) Tert butyl alcohol	3.007	59	622299	542.567	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	379726	95.928	ug/l	93
13) Acrolein	2.239	56	244038	526.670	ug/l	98
14) Allyl chloride	2.660	41	666823	94.948	ug/l	96
15) Acrylonitrile	3.074	53	1404864	521.785	ug/l	99
16) Acetone	2.392	43	1197278	492.697	ug/l	91
17) Carbon Disulfide	2.501	76	981011	96.156	ug/l	99
18) Methyl Acetate	2.709	43	779830	101.101	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1577474	105.893	ug/l	98
20) Methylene Chloride	2.788	84	458443	97.407	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	410868	100.988	ug/l	94
22) Diisopropyl ether	3.769	45	1571776	102.126	ug/l	86
23) Vinyl Acetate	3.727	43	8925655	517.698	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	836596	102.009	ug/l	99
25) 2-Butanone	4.568	43	1961340	529.876	ug/l	97
26) 2,2-Dichloropropane	4.470	77	696517	100.303	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	514415	101.066	ug/l	96
28) Bromochloromethane	4.897	49	363600	97.218	ug/l	98
29) Tetrahydrofuran	5.013	42	1313753	535.595	ug/l	96
30) Chloroform	5.092	83	848780	102.972	ug/l	97
31) Cyclohexane	5.464	56	680049	98.513	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	723563	103.641	ug/l	99
36) 1,1-Dichloropropene	5.690	75	559754	104.020	ug/l	100
37) Ethyl Acetate	4.720	43	797112	104.353	ug/l	100
38) Carbon Tetrachloride	5.671	117	605046	107.606	ug/l	98
39) Methylcyclohexane	7.378	83	710759	100.129	ug/l	93
40) Benzene	6.037	78	1776069	101.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	411924	111.363	ug/l	94
42) 1,2-Dichloroethane	6.086	62	669210	106.566	ug/l	97
43) Isopropyl Acetate	6.348	43	1280124	106.377	ug/l	98
44) Trichloroethene	7.122	130	408425	102.322	ug/l	99
45) 1,2-Dichloropropane	7.427	63	457265	103.569	ug/l	99
46) Dibromomethane	7.580	93	333493	103.133	ug/l	100
47) Bromodichloromethane	7.824	83	676488	105.951	ug/l	98
48) Methyl methacrylate	7.696	41	587279	110.146	ug/l	92
49) 1,4-Dioxane	7.665	88	250066	2326.861	ug/l #	89
51) 4-Methyl-2-Pentanone	8.579	43	3824711	528.891	ug/l	97
52) Toluene	8.720	92	1105890	104.259	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	724854	111.805	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	761150	106.860	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	451054	105.148	ug/l	94
56) Ethyl methacrylate	9.116	69	820951	110.984	ug/l	97
57) 1,3-Dichloropropane	9.311	76	776635	103.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1884837	533.513	ug/l	99
59) 2-Hexanone	9.433	43	2979444	535.977	ug/l	95
60) Dibromochloromethane	9.524	129	523597	110.665	ug/l	100
61) 1,2-Dibromoethane	9.610	107	467241	109.893	ug/l	99
64) Tetrachloroethene	9.274	164	338750	96.485	ug/l	99
65) Chlorobenzene	10.079	112	1175462	100.344	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	412768	102.402	ug/l	98
67) Ethyl Benzene	10.195	91	2055223	102.040	ug/l	99
68) m/p-Xylenes	10.299	106	1563566	203.946	ug/l	96
69) o-Xylene	10.640	106	789673	101.455	ug/l	97
70) Styrene	10.652	104	1358370	106.754	ug/l	97
71) Bromoform	10.799	173	373506	112.224	ug/l #	100
73) Isopropylbenzene	10.963	105	2006730	96.267	ug/l	98
74) N-amyl acetate	10.841	43	1151190	104.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	762866	98.499	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	626018m	100.697	ug/l	
77) Bromobenzene	11.201	156	473170	100.290	ug/l	97
78) n-propylbenzene	11.305	91	2338584	99.703	ug/l	100
79) 2-Chlorotoluene	11.366	91	1416416	96.316	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1675655	98.786	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	288619	107.607	ug/l	86
82) 4-Chlorotoluene	11.451	91	1628771	99.168	ug/l	99
83) tert-Butylbenzene	11.713	119	1748405	99.015	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1707239	100.448	ug/l	97
85) sec-Butylbenzene	11.890	105	2130612	99.772	ug/l	100
86) p-Isopropyltoluene	12.006	119	1777763	102.537	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	888789	99.953	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	892579	99.883	ug/l	99
89) n-Butylbenzene	12.329	91	1636731	107.090	ug/l	99
90) Hexachloroethane	12.536	117	364849	101.341	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	895356	100.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	178749	106.111	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	523148	107.559	ug/l	97
94) Hexachlorobutadiene	13.725	225	193026	101.888	ug/l	99
95) Naphthalene	13.774	128	2033709	106.931	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	535218	104.826	ug/l	98

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

