

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032151.D
 Acq On : 17 Oct 2022 12:05
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 18 03:52:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	10164	5.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.120%#		
35) Dibromofluoromethane	5.385	113	7471	5.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.220%#		
50) Toluene-d8	8.653	98	24325	4.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.500%#		
62) 4-Bromofluorobenzene	11.085	95	8507	4.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6359	4.583	ug/l	97
3) Chloromethane	1.288	50	6710	5.008	ug/l	97
4) Vinyl Chloride	1.374	62	7216	4.833	ug/l	96
5) Bromomethane	1.612	94	6080	5.502	ug/l	97
6) Chloroethane	1.685	64	6315	5.698	ug/l	99
7) Trichlorofluoromethane	1.886	101	11238	4.824	ug/l	97
8) Diethyl Ether	2.130	74	3967	5.152	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	5414	4.918	ug/l	98
10) Methyl Iodide	2.453	142	5101	3.822	ug/l	97
11) Tert butyl alcohol	2.941	59	7238m	26.218	ug/l	
12) 1,1-Dichloroethene	2.319	96	4723	4.592	ug/l	91
13) Acrolein	2.239	56	6030	25.950	ug/l	95
14) Allyl chloride	2.666	41	6817	3.750	ug/l	93
15) Acrylonitrile	3.069	53	13150	19.842	ug/l	99
16) Acetone	2.392	43	11295	23.403	ug/l	98
17) Carbon Disulfide	2.508	76	10339	4.006	ug/l	100
18) Methyl Acetate	2.709	43	7504	3.818	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	15987	3.744	ug/l	96
20) Methylene Chloride	2.788	84	6291	4.240	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	5584	4.007	ug/l	96
22) Diisopropyl ether	3.757	45	21523	4.766	ug/l #	76
23) Vinyl Acetate	3.727	43	81734	23.169	ug/l	100
24) 1,1-Dichloroethane	3.605	63	12914	4.906	ug/l	96
25) 2-Butanone	4.574	43	24990	24.234	ug/l	98
26) 2,2-Dichloropropane	4.477	77	9697	4.681	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	8266	4.931	ug/l	96
28) Bromochloromethane	4.910	49	5514	5.127	ug/l #	94
29) Tetrahydrofuran	5.013	42	15586	25.201	ug/l	98
30) Chloroform	5.093	83	14229	4.940	ug/l	92
31) Cyclohexane	5.471	56	10913	4.879	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	11935	5.168	ug/l	96
36) 1,1-Dichloropropene	5.690	75	9675	4.577	ug/l	100
37) Ethyl Acetate	4.721	43	10733	5.060	ug/l #	91
38) Carbon Tetrachloride	5.678	117	10452	4.669	ug/l	96
39) Methylcyclohexane	7.379	83	11725	4.622	ug/l	96
40) Benzene	6.038	78	28948	4.896	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5358	4.899	ug/l	97
42) 1,2-Dichloroethane	6.092	62	11827	4.776	ug/l	100
43) Isopropyl Acetate	6.342	43	14319	4.480	ug/l	98
44) Trichloroethene	7.129	130	7970	4.784	ug/l	98
45) 1,2-Dichloropropane	7.434	63	7405	5.027	ug/l	99
46) Dibromomethane	7.586	93	5454	4.820	ug/l	94
47) Bromodichloromethane	7.824	83	9617	4.562	ug/l #	99
48) Methyl methacrylate	7.696	41	7306	4.510	ug/l	97
49) 1,4-Dioxane	7.708	88	3450	103.865	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	49611	25.310	ug/l	99
52) Toluene	8.720	92	18436	4.894	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	8548	4.546	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	10312	4.670	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	7247	5.068	ug/l	95
56) Ethyl methacrylate	9.116	69	9639	4.720	ug/l	95
57) 1,3-Dichloropropane	9.311	76	12088	4.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	24844	24.554	ug/l	96
59) 2-Hexanone	9.433	43	35906	24.726	ug/l	99
60) Dibromochloromethane	9.519	129	6684	4.518	ug/l	96
61) 1,2-Dibromoethane	9.610	107	7778	5.036	ug/l	96
64) Tetrachloroethene	9.275	164	7190	4.607	ug/l	94
65) Chlorobenzene	10.080	112	19802	4.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	6519	4.560	ug/l	93
67) Ethyl Benzene	10.195	91	33901	4.675	ug/l	95
68) m/p-Xylenes	10.305	106	25864	9.301	ug/l	93
69) o-Xylene	10.640	106	12473	4.559	ug/l	94
70) Styrene	10.659	104	20189	4.566	ug/l	98
71) Bromoform	10.799	173	4523	4.497	ug/l #	95
73) Isopropylbenzene	10.964	105	34456	5.034	ug/l	96
74) N-amyl acetate	10.848	43	11281	4.708	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	10630	4.845	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9653m	4.831	ug/l	
77) Bromobenzene	11.201	156	8364	5.020	ug/l	99
78) n-propylbenzene	11.305	91	38624	4.710	ug/l	98
79) 2-Chlorotoluene	11.366	91	24227	4.782	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	28665	4.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1962	3.848	ug/l #	54
82) 4-Chlorotoluene	11.457	91	27408	4.643	ug/l	97
83) tert-Butylbenzene	11.713	119	28445	4.787	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	28907	4.755	ug/l	98
85) sec-Butylbenzene	11.890	105	34291	4.611	ug/l	100
86) p-Isopropyltoluene	12.012	119	28412	4.589	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	15726	4.884	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	15518	4.776	ug/l	90
89) n-Butylbenzene	12.335	91	24230	4.747	ug/l	98
90) Hexachloroethane	12.542	117	4095	4.766	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	15244	4.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2122	5.428	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	8857	5.183	ug/l	95
94) Hexachlorobutadiene	13.725	225	3908	5.457	ug/l	99
95) Naphthalene	13.780	128	29786	5.216	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8941	5.226	ug/l	99

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

