

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031451.D
 Acq On : 19 Sep 2022 10:07
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 02:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 02:26:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	53833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	83063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	6198	5.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.600%#		
35) Dibromofluoromethane	5.391	113	5002	5.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.080%#		
50) Toluene-d8	8.647	98	17546	5.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.500%#		
62) 4-Bromofluorobenzene	11.079	95	5591	4.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3899	5.038	ug/l	88
3) Chloromethane	1.288	50	5305	5.166	ug/l	100
4) Vinyl Chloride	1.374	62	6337	5.412	ug/l #	88
5) Bromomethane	1.611	94	9474	5.683	ug/l	94
6) Chloroethane	1.678	64	7924	6.271	ug/l	100
7) Trichlorofluoromethane	1.880	101	14362	5.408	ug/l	97
8) Diethyl Ether	2.130	74	4753	5.196	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	4776	5.510	ug/l #	85
10) Methyl Iodide	2.447	142	3799	4.530	ug/l	94
11) Tert butyl alcohol	2.995	59	9432m	35.133	ug/l	
12) 1,1-Dichloroethene	2.312	96	4402	5.253	ug/l	96
13) Acrolein	2.239	56	4300	35.168	ug/l	93
14) Allyl chloride	2.660	41	7493	5.484	ug/l	98
15) Acrylonitrile	3.068	53	13513	26.010	ug/l	99
16) Acetone	2.386	43	12426	26.358	ug/l	92
17) Carbon Disulfide	2.508	76	12068	5.345	ug/l	96
18) Methyl Acetate	2.703	43	8317	5.638	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	15678	5.173	ug/l	97
20) Methylene Chloride	2.788	84	6036	5.610	ug/l #	95
21) trans-1,2-Dichloroethene	3.087	96	4945	5.226	ug/l #	93
22) Diisopropyl ether	3.763	45	15193	5.134	ug/l	93
23) Vinyl Acetate	3.721	43	64346	25.427	ug/l	99
24) 1,1-Dichloroethane	3.605	63	9147	5.470	ug/l	96
25) 2-Butanone	4.562	43	19602	25.718	ug/l	95
26) 2,2-Dichloropropane	4.477	77	7764	5.256	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	5993	5.255	ug/l	90
28) Bromochloromethane	4.891	49	3964	5.934	ug/l #	97
29) Tetrahydrofuran	5.013	42	12804	25.759	ug/l	98
30) Chloroform	5.086	83	9293	5.067	ug/l	88
31) Cyclohexane	5.470	56	8129	5.551	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	8759	5.258	ug/l	99
36) 1,1-Dichloropropene	5.690	75	6889	5.218	ug/l	98
37) Ethyl Acetate	4.714	43	8478	5.383	ug/l #	78
38) Carbon Tetrachloride	5.672	117	7474	5.107	ug/l	95
39) Methylcyclohexane	7.379	83	8877	5.464	ug/l	99
40) Benzene	6.037	78	20269	5.146	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	4107	5.237	ug/l	97
42) 1,2-Dichloroethane	6.080	62	7385	5.087	ug/l	100
43) Isopropyl Acetate	6.342	43	12443	5.140	ug/l	100
44) Trichloroethene	7.129	130	5798	5.191	ug/l	77
45) 1,2-Dichloropropane	7.433	63	5379	5.433	ug/l #	86
46) Dibromomethane	7.580	93	4082	5.356	ug/l	94
47) Bromodichloromethane	7.824	83	7147	4.988	ug/l #	97
48) Methyl methacrylate	7.696	41	5288	4.781	ug/l	89
49) 1,4-Dioxane	7.683	88	2472	97.871	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	39298	25.238	ug/l	97
52) Toluene	8.720	92	12521	4.874	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	7046	4.752	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	8257	5.091	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	5459	5.157	ug/l	95
56) Ethyl methacrylate	9.122	69	7283	4.838	ug/l	95
57) 1,3-Dichloropropane	9.305	76	9130	5.256	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	16877	28.996	ug/l	93
59) 2-Hexanone	9.433	43	28957	24.762	ug/l	96
60) Dibromochloromethane	9.518	129	5434	4.834	ug/l	98
61) 1,2-Dibromoethane	9.610	107	5663	4.966	ug/l	96
64) Tetrachloroethene	9.275	164	5802	5.494	ug/l	93
65) Chlorobenzene	10.079	112	14465	5.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	5014	5.126	ug/l	92
67) Ethyl Benzene	10.195	91	24940	5.210	ug/l	92
68) m/p-Xylenes	10.299	106	19099	9.928	ug/l	97
69) o-Xylene	10.640	106	9421	5.131	ug/l	97
70) Styrene	10.659	104	14329	4.740	ug/l	97
71) Bromoform	10.799	173	3846	4.914	ug/l #	94
73) Isopropylbenzene	10.963	105	24286	5.565	ug/l	100
74) N-amyl acetate	10.848	43	9635	5.447	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	8280	5.628	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	6476m	5.191	ug/l	
77) Bromobenzene	11.201	156	6226	5.788	ug/l	88
78) n-propylbenzene	11.305	91	27217	5.421	ug/l	99
79) 2-Chlorotoluene	11.366	91	16842	5.635	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	20192	5.452	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1960	4.838	ug/l #	71
82) 4-Chlorotoluene	11.457	91	18493	5.273	ug/l	99
83) tert-Butylbenzene	11.713	119	19144	5.333	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20008	5.485	ug/l	97
85) sec-Butylbenzene	11.890	105	23959	5.274	ug/l	97
86) p-Isopropyltoluene	12.012	119	20343	5.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	11399	5.529	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	11213	5.214	ug/l	91
89) n-Butylbenzene	12.335	91	17366	5.314	ug/l	97
90) Hexachloroethane	12.542	117	3570	5.416	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	10909	5.254	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1558	5.195	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	6443	5.632	ug/l	95
94) Hexachlorobutadiene	13.725	225	2500	5.471	ug/l	97
95) Naphthalene	13.780	128	22121	5.280	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6624	5.618	ug/l	95

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

