

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032153.D
 Acq On : 17 Oct 2022 12:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 18 03:54:04 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	113529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38705	21.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.820%#		
35) Dibromofluoromethane	5.391	113	24903	16.937	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.880%#		
50) Toluene-d8	8.647	98	86316	16.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	33.480%#		
62) 4-Bromofluorobenzene	11.079	95	39157	19.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28548	22.838	ug/l	97
3) Chloromethane	1.288	50	23642	19.588	ug/l	97
4) Vinyl Chloride	1.374	62	25741	19.139	ug/l	94
5) Bromomethane	1.612	94	20562	20.655	ug/l	98
6) Chloroethane	1.685	64	22162	22.197	ug/l	97
7) Trichlorofluoromethane	1.886	101	47437	22.606	ug/l	99
8) Diethyl Ether	2.136	74	16298	23.495	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	23312	23.505	ug/l	95
10) Methyl Iodide	2.453	142	27925	23.225	ug/l	99
11) Tert butyl alcohol	2.989	59	29498	118.613	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	21437	23.135	ug/l	93
13) Acrolein	2.239	56	24215	115.680	ug/l	97
14) Allyl chloride	2.666	41	38345	23.417	ug/l	98
15) Acrylonitrile	3.069	53	73666	123.394	ug/l	99
16) Acetone	2.392	43	50251	115.583	ug/l	94
17) Carbon Disulfide	2.514	76	52220	22.460	ug/l	100
18) Methyl Acetate	2.709	43	43927	24.809	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	91760	23.858	ug/l	95
20) Methylene Chloride	2.788	84	29722	22.235	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28935	23.047	ug/l	97
22) Diisopropyl ether	3.764	45	89936	22.107	ug/l	97
23) Vinyl Acetate	3.721	43	365221	114.924	ug/l	99
24) 1,1-Dichloroethane	3.611	63	50533	21.313	ug/l	98
25) 2-Butanone	4.562	43	104840	112.860	ug/l	99
26) 2,2-Dichloropropane	4.477	77	40426	21.663	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33697	22.315	ug/l	95
28) Bromochloromethane	4.898	49	20324	20.979	ug/l	94
29) Tetrahydrofuran	5.013	42	57245	102.748	ug/l	95
30) Chloroform	5.099	83	48055	18.519	ug/l	99
31) Cyclohexane	5.471	56	39511	19.607	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	42477	20.418	ug/l	99
36) 1,1-Dichloropropene	5.696	75	39286	18.468	ug/l	99
37) Ethyl Acetate	4.721	43	40762	19.095	ug/l	99
38) Carbon Tetrachloride	5.678	117	40417	17.941	ug/l	99
39) Methylcyclohexane	7.379	83	50577	19.811	ug/l	100
40) Benzene	6.038	78	119360	20.060	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21350	19.396	ug/l	96
42) 1,2-Dichloroethane	6.092	62	50442	20.240	ug/l	100
43) Isopropyl Acetate	6.342	43	65731	20.433	ug/l	100
44) Trichloroethene	7.129	130	33132	19.762	ug/l	97
45) 1,2-Dichloropropane	7.434	63	30247	20.404	ug/l	93
46) Dibromomethane	7.586	93	20912	18.364	ug/l	92
47) Bromodichloromethane	7.824	83	42650	20.105	ug/l	99
48) Methyl methacrylate	7.696	41	33942	20.819	ug/l	98
49) 1,4-Dioxane	7.690	88	14397	430.690	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	167646	84.986	ug/l	99
52) Toluene	8.720	92	64406	16.989	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33073	17.478	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39582	17.813	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27442	19.068	ug/l	98
56) Ethyl methacrylate	9.116	69	38715	18.836	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53662	21.267	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	82505	81.025	ug/l	95
59) 2-Hexanone	9.433	43	162913	111.477	ug/l	100
60) Dibromochloromethane	9.519	129	31624	21.240	ug/l	100
61) 1,2-Dibromoethane	9.610	107	33940	21.837	ug/l	98
64) Tetrachloroethene	9.275	164	31981	19.530	ug/l	93
65) Chlorobenzene	10.080	112	84925	19.615	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30638	20.421	ug/l	98
67) Ethyl Benzene	10.195	91	152858	20.089	ug/l	98
68) m/p-Xylenes	10.299	106	117022	40.105	ug/l	94
69) o-Xylene	10.640	106	57194	19.920	ug/l	97
70) Styrene	10.659	104	93753	20.206	ug/l	97
71) Bromoform	10.799	173	20471	19.398	ug/l #	96
73) Isopropylbenzene	10.964	105	152579	20.434	ug/l	98
74) N-amyl acetate	10.842	43	56336	21.551	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	47484	19.836	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44227m	20.286	ug/l	
77) Bromobenzene	11.201	156	35559	19.563	ug/l	98
78) n-propylbenzene	11.305	91	178401	19.938	ug/l	98
79) 2-Chlorotoluene	11.366	91	109006	19.722	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	130715	19.833	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10934	19.658	ug/l #	78
82) 4-Chlorotoluene	11.457	91	125484	19.483	ug/l	96
83) tert-Butylbenzene	11.713	119	126471	19.507	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	133934	20.195	ug/l	97
85) sec-Butylbenzene	11.890	105	160729	19.809	ug/l	99
86) p-Isopropyltoluene	12.012	119	137997	20.430	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	68244	19.427	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	69472	19.598	ug/l	98
89) n-Butylbenzene	12.335	91	119270	21.417	ug/l	98
90) Hexachloroethane	12.542	117	20242	21.595	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	68624	20.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10899	25.553	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	42081	22.571	ug/l	99
94) Hexachlorobutadiene	13.725	225	17500	22.397	ug/l	97
95) Naphthalene	13.774	128	139747	22.430	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42962	23.018	ug/l	99

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

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