

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029076.D
 Acq On : 31 May 2022 15:02
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: May 31 15:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 14:38:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	308186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66266	19.056	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.120%#		
35) Dibromofluoromethane	5.385	113	60657	19.079	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.160%#		
50) Toluene-d8	8.653	98	225174	19.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	38.960%#		
62) 4-Bromofluorobenzene	11.085	95	87052	19.662	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52063	19.199	ug/l	98
3) Chloromethane	1.288	50	52872	18.746	ug/l	99
4) Vinyl Chloride	1.374	62	60893	19.654	ug/l	100
5) Bromomethane	1.593	94	32502	19.065	ug/l	100
6) Chloroethane	1.672	64	40037	19.331	ug/l	99
7) Trichlorofluoromethane	1.880	101	94382	19.563	ug/l	98
8) Diethyl Ether	2.129	74	37451	20.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	57128	20.125	ug/l	97
10) Methyl Iodide	2.446	142	48559	15.208	ug/l	98
11) Tert butyl alcohol	2.971	59	80025	98.630	ug/l	98
12) 1,1-Dichloroethene	2.312	96	54623	19.663	ug/l	94
13) Acrolein	2.233	56	33572	90.082	ug/l	100
14) Allyl chloride	2.660	41	81318	19.469	ug/l	98
15) Acrylonitrile	3.062	53	167629	101.294	ug/l	99
16) Acetone	2.379	43	142125	104.317	ug/l	97
17) Carbon Disulfide	2.507	76	143435	18.737	ug/l	99
18) Methyl Acetate	2.703	43	70185	19.816	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189414	20.150	ug/l	98
20) Methylene Chloride	2.788	84	64322	20.255	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	62100	19.848	ug/l	94
22) Diisopropyl ether	3.763	45	167724	20.131	ug/l	98
23) Vinyl Acetate	3.721	43	712718	102.373	ug/l	100
24) 1,1-Dichloroethane	3.611	63	102506	19.839	ug/l	99
25) 2-Butanone	4.556	43	222098	100.693	ug/l	98
26) 2,2-Dichloropropane	4.477	77	85723	20.298	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	72925	19.534	ug/l	93
28) Bromochloromethane	4.897	49	41866	20.140	ug/l	87
29) Tetrahydrofuran	5.007	42	138948	97.577	ug/l	100
30) Chloroform	5.092	83	113273	19.755	ug/l	100
31) Cyclohexane	5.470	56	91540	20.403	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	102143	19.672	ug/l	97
36) 1,1-Dichloropropene	5.690	75	82259	20.231	ug/l	97
37) Ethyl Acetate	4.708	43	81174	20.534	ug/l	98
38) Carbon Tetrachloride	5.678	117	92544	19.811	ug/l	99
39) Methylcyclohexane	7.379	83	106959	21.428	ug/l	97
40) Benzene	6.037	78	245967	20.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43777	20.481	ug/l	98
42) 1,2-Dichloroethane	6.092	62	84245	20.587	ug/l	99
43) Isopropyl Acetate	6.342	43	125795	20.373	ug/l	100
44) Trichloroethene	7.122	130	74145	17.893	ug/l	96
45) 1,2-Dichloropropane	7.433	63	58875	20.233	ug/l	96
46) Dibromomethane	7.580	93	45988	20.294	ug/l	96
47) Bromodichloromethane	7.824	83	89943	20.060	ug/l	97
48) Methyl methacrylate	7.696	41	62115	20.735	ug/l	95
49) 1,4-Dioxane	7.665	88	37812	411.474	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	422187	102.545	ug/l	98
52) Toluene	8.720	92	167064	20.790	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	91618	19.921	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101130	20.170	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	68734	20.545	ug/l	100
56) Ethyl methacrylate	9.116	69	97090	20.447	ug/l	97
57) 1,3-Dichloropropane	9.311	76	110345	20.665	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220640	97.365	ug/l	94
59) 2-Hexanone	9.433	43	332407	104.137	ug/l	97
60) Dibromochloromethane	9.524	129	75598	19.742	ug/l	96
61) 1,2-Dibromoethane	9.610	107	74364	20.595	ug/l	99
64) Tetrachloroethene	9.275	164	71082	21.352	ug/l	98
65) Chlorobenzene	10.079	112	186039	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71493	20.273	ug/l	96
67) Ethyl Benzene	10.195	91	319243	20.848	ug/l	98
68) m/p-Xylenes	10.305	106	259584	42.232	ug/l	98
69) o-Xylene	10.646	106	127716	21.036	ug/l	96
70) Styrene	10.658	104	211715	20.890	ug/l	99
71) Bromoform	10.799	173	59011	19.276	ug/l #	99
73) Isopropylbenzene	10.963	105	330537	21.046	ug/l	99
74) N-amyl acetate	10.841	43	103967	20.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107298	20.175	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	97742m	20.633	ug/l	
77) Bromobenzene	11.201	156	84290	20.183	ug/l	92
78) n-propylbenzene	11.305	91	371320	21.285	ug/l	98
79) 2-Chlorotoluene	11.366	91	225554	20.419	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	282193	20.991	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30706	18.893	ug/l	92
82) 4-Chlorotoluene	11.457	91	262040	20.781	ug/l	97
83) tert-Butylbenzene	11.719	119	285162	20.774	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	285923	21.355	ug/l	99
85) sec-Butylbenzene	11.890	105	345216	21.498	ug/l	98
86) p-Isopropyltoluene	12.012	119	301363	21.466	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161089	20.460	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	164520	20.698	ug/l	98
89) n-Butylbenzene	12.335	91	240256	21.141	ug/l	98
90) Hexachloroethane	12.542	117	49609	19.200	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	161805	20.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23614	19.703	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	101484	21.088	ug/l	98
94) Hexachlorobutadiene	13.725	225	45520	20.803	ug/l	93
95) Naphthalene	13.780	128	327747	21.133	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99520	20.928	ug/l	94

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

