

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028152.D
 Acq On : 19 Apr 2022 11:56
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 19 12:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 12:44:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69511	21.453	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	42.900%#		
35) Dibromofluoromethane	5.391	113	57079	21.179	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	42.360%#		
50) Toluene-d8	8.653	98	230366	22.851	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	45.700%#		
62) 4-Bromofluorobenzene	11.079	95	84333	22.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	44.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35158	16.047	ug/l	98
3) Chloromethane	1.294	50	37570	15.415	ug/l	100
4) Vinyl Chloride	1.374	62	52462	17.668	ug/l	99
5) Bromomethane	1.605	94	52763	16.168	ug/l	99
6) Chloroethane	1.685	64	43581	17.061	ug/l	100
7) Trichlorofluoromethane	1.886	101	120727	20.376	ug/l	94
8) Diethyl Ether	2.136	74	40485	17.993	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	40140	17.381	ug/l	94
10) Methyl Iodide	2.453	142	46599	17.165	ug/l	96
11) Tert butyl alcohol	2.953	59	67284	92.887	ug/l	97
12) 1,1-Dichloroethene	2.319	96	36494	16.142	ug/l	100
13) Acrolein	2.233	56	37932	86.392	ug/l	95
14) Allyl chloride	2.666	41	62770	15.587	ug/l #	88
15) Acrylonitrile	3.062	53	134774	88.899	ug/l	98
16) Acetone	2.374	43	102003	78.801	ug/l	96
17) Carbon Disulfide	2.514	76	96544	16.244	ug/l	99
18) Methyl Acetate	2.703	43	59538	17.129	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	159391	18.290	ug/l	98
20) Methylene Chloride	2.788	84	47895	18.306	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	50290	17.999	ug/l	97
22) Diisopropyl ether	3.757	45	154864	17.899	ug/l #	77
23) Vinyl Acetate	3.721	43	699851	91.402	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85225	18.101	ug/l	98
25) 2-Butanone	4.556	43	208878	92.354	ug/l	97
26) 2,2-Dichloropropane	4.483	77	86843	19.598	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60653	19.157	ug/l	99
28) Bromochloromethane	4.904	49	39714	19.521	ug/l	99
29) Tetrahydrofuran	5.001	42	134487	91.370	ug/l	96
30) Chloroform	5.093	83	109141	20.452	ug/l	99
31) Cyclohexane	5.471	56	86616	19.958	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	97182	20.044	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73108	18.265	ug/l	98
37) Ethyl Acetate	4.715	43	81063	17.715	ug/l	98
38) Carbon Tetrachloride	5.684	117	82974	19.176	ug/l	99
39) Methylcyclohexane	7.385	83	98323	20.594	ug/l	96
40) Benzene	6.044	78	226587	19.427	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42024	17.252	ug/l	92
42) 1,2-Dichloroethane	6.086	62	85670	19.539	ug/l	97
43) Isopropyl Acetate	6.342	43	129048	16.974	ug/l	95
44) Trichloroethene	7.129	130	63308	20.210	ug/l	99
45) 1,2-Dichloropropane	7.428	63	55483	18.992	ug/l	94
46) Dibromomethane	7.586	93	43157	19.869	ug/l	95
47) Bromodichloromethane	7.824	83	82674	19.673	ug/l	97
48) Methyl methacrylate	7.696	41	60751	17.410	ug/l	88
49) 1,4-Dioxane	7.659	88	30477	384.201	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	429793	88.805	ug/l	95
52) Toluene	8.720	92	160947	20.571	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89492	18.996	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95105	19.365	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	65470	20.625	ug/l	99
56) Ethyl methacrylate	9.116	69	96863	19.611	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	106152	20.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	231731	103.183	ug/l	96
59) 2-Hexanone	9.433	43	334454	88.734	ug/l	93
60) Dibromochloromethane	9.525	129	67490	19.752	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71518	20.539	ug/l	100
64) Tetrachloroethene	9.275	164	65422	20.641	ug/l	99
65) Chlorobenzene	10.079	112	179082	20.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63858	19.755	ug/l	99
67) Ethyl Benzene	10.195	91	309392	20.251	ug/l	98
68) m/p-Xylenes	10.305	106	247424	38.642	ug/l	100
69) o-Xylene	10.646	106	122183	19.602	ug/l	99
70) Styrene	10.659	104	200035	18.689	ug/l	99
71) Bromoform	10.799	173	47646	17.785	ug/l #	99
73) Isopropylbenzene	10.963	105	316500	21.533	ug/l	99
74) N-amyl acetate	10.842	43	111155	18.211	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	103776	20.421	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94284m	20.772	ug/l	
77) Bromobenzene	11.201	156	76331	21.078	ug/l	97
78) n-propylbenzene	11.305	91	360262	21.194	ug/l	99
79) 2-Chlorotoluene	11.366	91	217832	21.030	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	269625	21.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27605	17.356	ug/l #	84
82) 4-Chlorotoluene	11.457	91	252629	20.802	ug/l	97
83) tert-Butylbenzene	11.719	119	269484	21.757	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	272861	21.882	ug/l	98
85) sec-Butylbenzene	11.890	105	332270	21.186	ug/l	98
86) p-Isopropyltoluene	12.012	119	288260	21.572	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	149304	21.151	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	152594	20.595	ug/l	98
89) n-Butylbenzene	12.335	91	234430	20.678	ug/l	98
90) Hexachloroethane	12.542	117	45058	20.232	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	150188	21.315	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23134	20.662	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	84669	21.454	ug/l	99
94) Hexachlorobutadiene	13.725	225	37744	23.318	ug/l	93
95) Naphthalene	13.774	128	300172	21.850	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83465	21.293	ug/l	98

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

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