Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028691.D
Acq On : 13 May 2022 20:23
Operator : JC/MD
Sample : N2794-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220510MS

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	182799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	318131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135942	54.252	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.500%			
35) Dibromofluoromethane	5.391	113	108632	52.118	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.240%			
50) Toluene-d8	8.653	98	407157	51.812	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.620%			
62) 4-Bromofluorobenzene	11.085	95	152612	51.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	120490	50.339	ug/l	100
3) Chloromethane	1.288	50	116089	51.500	ug/l	99
4) Vinyl Chloride	1.374	62	124073	51.075	ug/l	99
5) Bromomethane	1.599	94	79735	45.971	ug/l	99
6) Chloroethane	1.678	64	83277	54.625	ug/l	100
7) Trichlorofluoromethane	1.886	101	194964	50.339	ug/l	99
8) Diethyl Ether	2.130	74	73874	52.347	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	96115	47.159	ug/l	95
10) Methyl Iodide	2.453	142	103095	42.251	ug/l	93
11) Tert butyl alcohol	2.965	59	117347	219.704	ug/l	100
12) 1,1-Dichloroethene	2.319	96	96145	50.820	ug/l	96
13) Acrolein	2.233	56	88746	215.775	ug/l	99
14) Allyl chloride	2.666	41	146731	48.357	ug/l	91
15) Acrylonitrile	3.062	53	319758	264.858	ug/l	99
16) Acetone	2.380	43	278572	259.038	ug/l	93
17) Carbon Disulfide	2.514	76	252777	51.543	ug/l	99
18) Methyl Acetate	2.703	43	111306	41.324	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	347687	51.788	ug/l	99
20) Methylene Chloride	2.788	84	111868	49.583	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	106995	50.208	ug/l	96
22) Diisopropyl ether	3.763	45	337745	52.086	ug/l	95
23) Vinyl Acetate	3.721	43	1166121	208.608	ug/l	96
24) 1,1-Dichloroethane	3.611	63	196963	52.249	ug/l	99
25) 2-Butanone	4.556	43	438796	259.944	ug/l	95
26) 2,2-Dichloropropane	4.477	77	85412	28.897	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	124436	49.996	ug/l	97
28) Bromochloromethane	4.897	49	81241	51.200	ug/l	91
29) Tetrahydrofuran	5.007	42	290181	264.462	ug/l	92
30) Chloroform	5.099	83	213118	52.237	ug/l	99
31) Cyclohexane	5.477	56	172762	49.671	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	180599	50.706	ug/l	97
36) 1,1-Dichloropropene	5.696	75	151933	48.531	ug/l	99
37) Ethyl Acetate	4.714	43	139391	42.628	ug/l	97
38) Carbon Tetrachloride	5.684	117	158187	50.208	ug/l	99
39) Methylcyclohexane	7.385	83	172377	48.012	ug/l	97
40) Benzene	6.043	78	456123	50.695	ug/l	100

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41) Methacrylonitrile	4.916	41	93094	53.098	ug/l		92
42) 1,2-Dichloroethane	6.086	62	168451	50.757	ug/l		97
43) Isopropyl Acetate	6.342	43	230961	45.148	ug/l		95
44) Trichloroethene	7.129	130	120519	49.390	ug/l		96
45) 1,2-Dichloropropane	7.434	63	114906	51.187	ug/l		97
46) Dibromomethane	7.580	93	85018	50.714	ug/l		92
47) Bromodichloromethane	7.824	83	161362	51.844	ug/l		99
48) Methyl methacrylate	7.696	41	129344	52.340	ug/l		87
49) 1,4-Dioxane	7.659	88	58340	944.998	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	887864	263.492	ug/l		93
52) Toluene	8.720	92	296461	51.221	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	151245	42.470	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	167639	47.868	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	121555	51.504	ug/l		97
56) Ethyl methacrylate	9.116	69	187846	52.559	ug/l	#	84
57) 1,3-Dichloropropane	9.311	76	205560	51.639	ug/l		100
59) 2-Hexanone	9.433	43	696133	265.909	ug/l		91
60) Dibromochloromethane	9.525	129	124187	53.954	ug/l		96
61) 1,2-Dibromoethane	9.610	107	129850	52.383	ug/l		99
64) Tetrachloroethene	9.275	164	107679	47.673	ug/l		96
65) Chlorobenzene	10.079	112	318759	50.236	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	114804	51.075	ug/l		100
67) Ethyl Benzene	10.195	91	574461	50.510	ug/l		99
68) m/p-Xylenes	10.305	106	446664	100.875	ug/l		99
69) o-Xylene	10.646	106	219654	50.385	ug/l		98
70) Styrene	10.659	104	369838	52.240	ug/l		99
71) Bromoform	10.805	173	86649	46.647	ug/l		99
73) Isopropylbenzene	10.963	105	567874	49.404	ug/l		99
74) N-amyl acetate	10.848	43	184157	40.757	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	202367	51.319	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	174253m	49.090	ug/l		
77) Bromobenzene	11.201	156	133631	49.134	ug/l		95
78) n-propylbenzene	11.305	91	659062	49.568	ug/l		99
79) 2-Chlorotoluene	11.366	91	399303	48.999	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	482883	50.417	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	40496	35.269	ug/l	#	81
82) 4-Chlorotoluene	11.457	91	461148	48.949	ug/l		100
83) tert-Butylbenzene	11.719	119	465067	50.151	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	482597	50.247	ug/l		99
85) sec-Butylbenzene	11.890	105	560845	49.030	ug/l		100
86) p-Isopropyltoluene	12.012	119	475278	49.516	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	257895	48.344	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	260381	47.058	ug/l		98
89) n-Butylbenzene	12.335	91	395302	47.532	ug/l		98
90) Hexachloroethane	12.542	117	77870	50.167	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	259022	49.427	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42315	50.255	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	142904	47.214	ug/l		99
94) Hexachlorobutadiene	13.725	225	55533	45.162	ug/l		91
95) Naphthalene	13.774	128	552658	51.311	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	143758	47.289	ug/l		96

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

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

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