Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
Data File : VX029711.D
Acq On : 22 Jun 2022 19:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 01:11:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	233076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	403368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131118	42.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.000%			
35) Dibromofluoromethane	5.391	113	121379	46.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.340%			
50) Toluene-d8	8.653	98	451098	46.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.940%			
62) 4-Bromofluorobenzene	11.085	95	169973	46.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	146700	51.973	ug/l	99
3) Chloromethane	1.288	50	131606	43.280	ug/l	100
4) Vinyl Chloride	1.374	62	136813	48.869	ug/l	99
5) Bromomethane	1.611	94	59087	41.368	ug/l	98
6) Chloroethane	1.685	64	72181	41.206	ug/l	100
7) Trichlorofluoromethane	1.886	101	196960	50.497	ug/l	97
8) Diethyl Ether	2.136	74	76772	49.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	126819	51.853	ug/l	99
10) Methyl Iodide	2.453	142	102600	37.596	ug/l	99
11) Tert butyl alcohol	2.995	59	159914	237.376	ug/l	96
12) 1,1-Dichloroethene	2.319	96	126464	53.558	ug/l	95
13) Acrolein	2.239	56	34869	205.163	ug/l	98
14) Allyl chloride	2.666	41	197156	51.713	ug/l	93
15) Acrylonitrile	3.069	53	378492	262.276	ug/l	99
16) Acetone	2.386	43	285636	232.268	ug/l	99
17) Carbon Disulfide	2.514	76	306547	50.076	ug/l	99
18) Methyl Acetate	2.709	43	168234	51.741	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	427189	52.111	ug/l	98
20) Methylene Chloride	2.788	84	140089	51.146	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	133883	51.875	ug/l	95
22) Diisopropyl ether	3.764	45	381604	50.598	ug/l	95
23) Vinyl Acetate	3.721	43	1628140	258.589	ug/l	99
24) 1,1-Dichloroethane	3.611	63	236342	52.108	ug/l	99
25) 2-Butanone	4.562	43	481923	247.922	ug/l	99
26) 2,2-Dichloropropane	4.477	77	162574	46.053	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	160736	53.309	ug/l	92
28) Bromochloromethane	4.897	49	83835	48.379	ug/l	98
29) Tetrahydrofuran	5.013	42	322311	248.800	ug/l	97
30) Chloroform	5.105	83	247722	51.610	ug/l	97
31) Cyclohexane	5.477	56	208785	50.405	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	214585	50.685	ug/l	97
36) 1,1-Dichloropropene	5.696	75	181566	51.033	ug/l	99
37) Ethyl Acetate	4.715	43	184338	50.547	ug/l	98
38) Carbon Tetrachloride	5.684	117	181947	52.004	ug/l	98
39) Methylcyclohexane	7.385	83	230256	51.909	ug/l	98
40) Benzene	6.044	78	551593	52.303	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	102214	53.199	ug/l		96
42) 1,2-Dichloroethane	6.092	62	176881	48.790	ug/l		97
43) Isopropyl Acetate	6.342	43	291038	51.322	ug/l		100
44) Trichloroethene	7.129	130	155946	52.233	ug/l		99
45) 1,2-Dichloropropane	7.434	63	136400	52.736	ug/l		98
46) Dibromomethane	7.586	93	97650	52.528	ug/l		95
47) Bromodichloromethane	7.824	83	186478	52.056	ug/l		99
48) Methyl methacrylate	7.696	41	139564	50.195	ug/l		95
49) 1,4-Dioxane	7.690	88	68800	959.731	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	918681	251.341	ug/l		100
52) Toluene	8.720	92	359672	53.260	ug/l		96
53) t-1,3-Dichloropropene	8.982	75	194932	53.850	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	220178	54.318	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	145228	53.188	ug/l		98
56) Ethyl methacrylate	9.116	69	222801	54.013	ug/l		98
57) 1,3-Dichloropropane	9.311	76	236257	51.952	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	480947	248.150	ug/l		95
59) 2-Hexanone	9.433	43	702738	253.897	ug/l		99
60) Dibromochloromethane	9.525	129	146154	55.132	ug/l		96
61) 1,2-Dibromoethane	9.610	107	152755	53.961	ug/l		98
64) Tetrachloroethene	9.275	164	141243	54.025	ug/l		96
65) Chlorobenzene	10.079	112	382999	54.003	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	137325	53.916	ug/l		99
67) Ethyl Benzene	10.195	91	673700	52.795	ug/l		99
68) m/p-Xylenes	10.305	106	527888	106.078	ug/l		100
69) o-Xylene	10.646	106	259826	52.847	ug/l		98
70) Styrene	10.659	104	444143	55.172	ug/l		99
71) Bromoform	10.799	173	101991	56.477	ug/l	#	99
73) Isopropylbenzene	10.963	105	678812	51.754	ug/l		98
74) N-amyl acetate	10.848	43	236916	52.008	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	218581	51.546	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	193944m	50.892	ug/l		
77) Bromobenzene	11.201	156	158046	52.797	ug/l		97
78) n-propylbenzene	11.305	91	768016	51.990	ug/l		99
79) 2-Chlorotoluene	11.366	91	464731	50.807	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	571837	51.769	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	58846	51.370	ug/l		96
82) 4-Chlorotoluene	11.457	91	532355	51.036	ug/l		100
83) tert-Butylbenzene	11.713	119	565764	52.531	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	577246	52.398	ug/l		100
85) sec-Butylbenzene	11.890	105	701927	52.587	ug/l		99
86) p-Isopropyltoluene	12.012	119	589285	52.726	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	303960	53.304	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	304010	53.396	ug/l		98
89) n-Butylbenzene	12.335	91	498834	52.884	ug/l		99
90) Hexachloroethane	12.542	117	88187	55.105	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	298495	53.253	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47024	50.047	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	186024	54.422	ug/l		98
94) Hexachlorobutadiene	13.725	225	74517	53.247	ug/l		93
95) Naphthalene	13.774	128	691920	56.389	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	184285	53.831	ug/l		95

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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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