Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
Data File : VX030108.D
Acq On : 18 Jul 2022 16:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 19 05:41:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	183250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	318429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118597	53.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.340%			
35) Dibromofluoromethane	5.385	113	100656	49.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	388570	50.789	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	145591	54.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	115785	55.742	ug/l	100
3) Chloromethane	1.288	50	105328	55.158	ug/l	99
4) Vinyl Chloride	1.374	62	112504	53.043	ug/l	97
5) Bromomethane	1.599	94	40772	45.253	ug/l	98
6) Chloroethane	1.678	64	63103	52.833	ug/l	97
7) Trichlorofluoromethane	1.880	101	149543	54.594	ug/l	97
8) Diethyl Ether	2.136	74	59749	52.726	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	105266	56.293	ug/l	100
10) Methyl Iodide	2.447	142	105440	57.074	ug/l	98
11) Tert butyl alcohol	2.983	59	151373	262.954	ug/l	98
12) 1,1-Dichloroethene	2.312	96	103959	55.681	ug/l	95
13) Acrolein	2.239	56	23629	206.094	ug/l	96
14) Allyl chloride	2.660	41	194277	59.544	ug/l	99
15) Acrylonitrile	3.062	53	384618	293.981	ug/l	99
16) Acetone	2.386	43	316564	301.197	ug/l	96
17) Carbon Disulfide	2.508	76	268106	51.327	ug/l	98
18) Methyl Acetate	2.703	43	186090	58.201	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	353369	59.877	ug/l	96
20) Methylene Chloride	2.782	84	123162	58.273	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	112605	57.863	ug/l	97
22) Diisopropyl ether	3.763	45	395789	61.973	ug/l	89
23) Vinyl Acetate	3.721	43	1741054	322.028	ug/l	99
24) 1,1-Dichloroethane	3.605	63	204332	57.738	ug/l	100
25) 2-Butanone	4.556	43	535261	298.971	ug/l	98
26) 2,2-Dichloropropane	4.477	77	142839	57.457	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	132582	55.633	ug/l	99
28) Bromochloromethane	4.897	49	84455	56.726	ug/l	98
29) Tetrahydrofuran	5.007	42	361313	297.373	ug/l	98
30) Chloroform	5.092	83	208902	59.233	ug/l	100
31) Cyclohexane	5.470	56	189913	58.734	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	170255	59.065	ug/l	99
36) 1,1-Dichloropropene	5.690	75	152404	58.001	ug/l	99
37) Ethyl Acetate	4.714	43	206102	61.042	ug/l	98
38) Carbon Tetrachloride	5.678	117	143995	58.766	ug/l	96
39) Methylcyclohexane	7.379	83	197187	59.198	ug/l	98
40) Benzene	6.031	78	476558	57.623	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	109738	60.362 ug/l	98
42) 1,2-Dichloroethane	6.086	62	157247	61.350 ug/l	97
43) Isopropyl Acetate	6.342	43	309717	61.002 ug/l	99
44) Trichloroethene	7.123	130	129371	53.532 ug/l	94
45) 1,2-Dichloropropane	7.427	63	125453	58.359 ug/l	98
46) Dibromomethane	7.580	93	84538	57.137 ug/l	99
47) Bromodichloromethane	7.824	83	158545	59.055 ug/l	96
48) Methyl methacrylate	7.696	41	148184	63.255 ug/l	97
49) 1,4-Dioxane	7.665	88	73941	1214.865 ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1044679	310.943 ug/l	98
52) Toluene	8.720	92	299256	56.983 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	171956	61.662 ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	191058	59.805 ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	124457	57.467 ug/l	97
56) Ethyl methacrylate	9.116	69	201133	61.771 ug/l	98
57) 1,3-Dichloropropane	9.311	76	200565	58.298 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	525237	297.066 ug/l	99
59) 2-Hexanone	9.433	43	825991	320.595 ug/l	98
60) Dibromochloromethane	9.518	129	123110	58.349 ug/l	100
61) 1,2-Dibromoethane	9.610	107	129783	57.579 ug/l	99
64) Tetrachloroethene	9.275	164	125207	53.884 ug/l	94
65) Chlorobenzene	10.079	112	313830	54.446 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	110766	56.368 ug/l	99
67) Ethyl Benzene	10.195	91	575812	58.941 ug/l	100
68) m/p-Xylenes	10.305	106	443825	115.832 ug/l	97
69) o-Xylene	10.640	106	222104	57.891 ug/l	99
70) Styrene	10.659	104	375885	59.029 ug/l	99
71) Bromoform	10.799	173	88464	56.033 ug/l	97
73) Isopropylbenzene	10.963	105	571437	55.724 ug/l	100
74) N-amyl acetate	10.841	43	271456	60.269 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	197600	53.409 ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	192820m	56.943 ug/l	
77) Bromobenzene	11.201	156	133280	51.945 ug/l	99
78) n-propylbenzene	11.305	91	701362	57.650 ug/l	99
79) 2-Chlorotoluene	11.366	91	406982	55.851 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	490607	56.777 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65518	55.839 ug/l	97
82) 4-Chlorotoluene	11.457	91	465694	57.040 ug/l	99
83) tert-Butylbenzene	11.713	119	451628	54.501 ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	494323	57.836 ug/l	98
85) sec-Butylbenzene	11.890	105	633252	57.805 ug/l	100
86) p-Isopropyltoluene	12.012	119	514207	58.508 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262575	55.387 ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	265617	54.597 ug/l	100
89) n-Butylbenzene	12.335	91	497371	63.163 ug/l	99
90) Hexachloroethane	12.542	117	84618	56.321 ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	258616	53.695 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49588	58.699 ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	162382	54.890 ug/l	100
94) Hexachlorobutadiene	13.725	225	64984	55.020 ug/l	99
95) Naphthalene	13.774	128	639994	54.502 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164759	54.736 ug/l	99

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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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