Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
Data File : VX030204.D
Acq On : 26 Jul 2022 10:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 17:19:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :John Carlone
07/27/2022
Supervised By :Mahesh Dadoda
07/27/2022

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.550	168	155413	50.000 ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	261348	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270352	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175203	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.958	65	163030	52.191 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%		
35) Dibromofluoromethane	5.385	113	131321	52.563 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%		
50) Toluene-d8	8.653	98	506269	52.326 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%		
62) 4-Bromofluorobenzene	11.079	95	193856	53.988 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.980%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	142339	55.815 ug/l	98
3) Chloromethane	1.288	50	120139	47.640 ug/l	99
4) Vinyl Chloride	1.374	62	129819	51.004 ug/l	100
5) Bromomethane	1.599	94	47183	53.225 ug/l	94
6) Chloroethane	1.679	64	75185	51.446 ug/l	94
7) Trichlorofluoromethane	1.886	101	180688	53.882 ug/l	99
8) Diethyl Ether	2.136	74	66334	50.515 ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	132204	53.227 ug/l	99
10) Methyl Iodide	2.453	142	125583	51.823 ug/l	97
11) Tert butyl alcohol	2.983	59	194864	255.740 ug/l	99
12) 1,1-Dichloroethene	2.319	96	126861	52.253 ug/l	94
13) Acrolein	2.240	56	45295	241.857 ug/l	99
14) Allyl chloride	2.666	41	258682	51.635 ug/l	98
15) Acrylonitrile	3.069	53	480982	255.438 ug/l	98
16) Acetone	2.386	43	400944	250.707 ug/l	94
17) Carbon Disulfide	2.508	76	330795	50.476 ug/l	98
18) Methyl Acetate	2.709	43	236574	50.012 ug/l	96
19) Methyl tert-butyl Ether	3.117	73	443149	53.287 ug/l	100
20) Methylene Chloride	2.788	84	151712	55.631 ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	137296	51.235 ug/l	95
22) Diisopropyl ether	3.764	45	521359	55.002 ug/l	91
23) Vinyl Acetate	3.727	43	2273023	276.441 ug/l	98
24) 1,1-Dichloroethane	3.611	63	261199	51.857 ug/l	100
25) 2-Butanone	4.562	43	697378	259.495 ug/l	96
26) 2,2-Dichloropropane	4.477	77	198252	54.433 ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	163776	51.973 ug/l	95
28) Bromochloromethane	4.898	49	113408	53.296 ug/l	94
29) Tetrahydrofuran	5.007	42	469847	259.841 ug/l	94
30) Chloroform	5.093	83	261779	52.491 ug/l	97
31) Cyclohexane	5.471	56	248136	54.711 ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	218415	53.880 ug/l	99
36) 1,1-Dichloropropene	5.696	75	194041	53.969 ug/l	97
37) Ethyl Acetate	4.715	43	256167	50.313 ug/l	99
38) Carbon Tetrachloride	5.678	117	182929	54.500 ug/l	93
39) Methylcyclohexane	7.379	83	248789	53.608 ug/l	95
40) Benzene	6.038	78	600902	53.120 ug/l	99

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41) Methacrylonitrile	4.922	41	146055	53.515 ug/l		97
42) 1,2-Dichloroethane	6.092	62	203377	52.030 ug/l		98
43) Isopropyl Acetate	6.342	43	402375	53.910 ug/l		97
44) Trichloroethene	7.129	130	155697	50.371 ug/l		94
45) 1,2-Dichloropropane	7.434	63	160528	53.205 ug/l		96
46) Dibromomethane	7.586	93	106485	51.898 ug/l		97
47) Bromodichloromethane	7.824	83	201013	53.891 ug/l		97
48) Methyl methacrylate	7.696	41	199838	54.396 ug/l		96
49) 1,4-Dioxane	7.665	88	87829	1035.090 ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	1355103	267.429 ug/l		97
52) Toluene	8.720	92	370759	53.720 ug/l		100
53) t-1,3-Dichloropropene	8.976	75	223113	55.491 ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	241559	55.131 ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	152555	51.915 ug/l		97
56) Ethyl methacrylate	9.116	69	256772	55.275 ug/l		95
57) 1,3-Dichloropropane	9.311	76	255370	52.647 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	705248	305.902 ug/l		97
59) 2-Hexanone	9.433	43	1065710	266.581 ug/l		95
60) Dibromochloromethane	9.525	129	150100	55.179 ug/l		98
61) 1,2-Dibromoethane	9.610	107	159542	51.996 ug/l		98
64) Tetrachloroethene	9.275	164	151681	52.114 ug/l		98
65) Chlorobenzene	10.080	112	386882	52.681 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	138082	55.310 ug/l		99
67) Ethyl Benzene	10.195	91	716366	50.750 ug/l		99
68) m/p-Xylenes	10.305	106	546996	109.950 ug/l		95
69) o-Xylene	10.647	106	270537	55.175 ug/l		95
70) Styrene	10.659	104	453296	56.270 ug/l		98
71) Bromoform	10.799	173	106453	58.001 ug/l	#	98
73) Isopropylbenzene	10.964	105	712489	52.092 ug/l		100
74) N-amyl acetate	10.842	43	358963	54.000 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.214	83	245433	49.026 ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	241531m	52.299 ug/l		
77) Bromobenzene	11.201	156	157840	49.167 ug/l		91
78) n-propylbenzene	11.305	91	867717	53.154 ug/l		98
79) 2-Chlorotoluene	11.366	91	509999	49.472 ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	598791	52.284 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	83292	54.105 ug/l		95
82) 4-Chlorotoluene	11.457	91	589801	52.365 ug/l		98
83) tert-Butylbenzene	11.713	119	560208	52.774 ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	608454	53.252 ug/l		97
85) sec-Butylbenzene	11.890	105	778588	53.588 ug/l		98
86) p-Isopropyltoluene	12.012	119	622792	53.578 ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	314138	50.315 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	314675	49.512 ug/l		99
89) n-Butylbenzene	12.335	91	610919	56.451 ug/l		99
90) Hexachloroethane	12.543	117	106484	53.205 ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	312451	50.987 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61463	51.189 ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	197045	55.447 ug/l		97
94) Hexachlorobutadiene	13.725	225	75928	53.210 ug/l		98
95) Naphthalene	13.774	128	765938	55.177 ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	199271	54.675 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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