Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
Data File : VX035779.D
Acq On : 22 May 2023 13:02
Operator : JC/MD
Sample : VX0522MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 23 06:09:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	178658	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	335248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172519	55.352	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%			
35) Dibromofluoromethane	5.385	113	114828	50.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.647	98	411992	49.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.079	95	167191	49.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	39657	17.032	ug/l	98
3) Chloromethane	1.295	50	51866	18.356	ug/l	98
4) Vinyl Chloride	1.374	62	43099	17.973	ug/l	96
5) Bromomethane	1.618	94	28792	22.170	ug/l	97
6) Chloroethane	1.691	64	26895	18.488	ug/l	99
7) Trichlorofluoromethane	1.892	101	60921	17.278	ug/l	99
8) Diethyl Ether	2.130	74	27142	19.993	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	33417	15.963	ug/l	98
10) Methyl Iodide	2.453	142	45399	24.248	ug/l	91
11) Tert butyl alcohol	3.020	59	55028m	100.073	ug/l	
12) 1,1-Dichloroethene	2.319	96	35832	18.010	ug/l	95
13) Acrolein	2.240	56	59939	91.841	ug/l	98
14) Allyl chloride	2.666	41	83152	19.508	ug/l	92
15) Acrylonitrile	3.069	53	136732	112.922	ug/l	98
16) Acetone	2.404	43	151020	112.738	ug/l	93
17) Carbon Disulfide	2.514	76	78381	16.324	ug/l	99
18) Methyl Acetate	2.709	43	119288	24.146	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	171818	21.702	ug/l	97
20) Methylene Chloride	2.788	84	52396	21.582	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	43498	19.952	ug/l	91
22) Diisopropyl ether	3.758	45	179856	21.551	ug/l	96
23) Vinyl Acetate	3.721	43	644882	109.210	ug/l	97
24) 1,1-Dichloroethane	3.611	63	94945	21.272	ug/l	99
25) 2-Butanone	4.568	43	206186	111.188	ug/l	96
26) 2,2-Dichloropropane	4.477	77	73461	19.436	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	55495	21.175	ug/l	95
28) Bromochloromethane	4.898	49	49327	24.570	ug/l	93
29) Tetrahydrofuran	5.026	42	128702	110.422	ug/l	98
30) Chloroform	5.087	83	97569	21.333	ug/l	100
31) Cyclohexane	5.471	56	67510	17.144	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	78045	19.612	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64040	17.945	ug/l	97
37) Ethyl Acetate	4.715	43	79351	21.318	ug/l	100
38) Carbon Tetrachloride	5.678	117	59066	17.472	ug/l	97
39) Methylcyclohexane	7.379	83	63689	15.161	ug/l	93
40) Benzene	6.038	78	196986	19.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	46870	21.207	ug/l		95
42) 1,2-Dichloroethane	6.086	62	90341	21.036	ug/l		97
43) Isopropyl Acetate	6.342	43	133620	20.586	ug/l		98
44) Trichloroethene	7.123	130	47367	18.711	ug/l		98
45) 1,2-Dichloropropane	7.428	63	54532	20.624	ug/l		97
46) Dibromomethane	7.580	93	37064	20.478	ug/l		94
47) Bromodichloromethane	7.824	83	68513	19.585	ug/l		97
48) Methyl methacrylate	7.690	41	67208	20.981	ug/l		94
49) 1,4-Dioxane	7.726	88	23991	349.827	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.574	43	412303	110.258	ug/l		97
52) Toluene	8.714	92	123651	19.621	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	74485	19.598	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	82025	20.143	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	52536	21.225	ug/l		100
56) Ethyl methacrylate	9.116	69	82978	20.701	ug/l		95
57) 1,3-Dichloropropane	9.305	76	94497	21.060	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	202793	99.450	ug/l		98
59) 2-Hexanone	9.433	43	311294	110.539	ug/l		96
60) Dibromochloromethane	9.519	129	46855	19.859	ug/l		100
61) 1,2-Dibromoethane	9.610	107	54372	20.849	ug/l		100
64) Tetrachloroethene	9.275	164	37080	18.258	ug/l		96
65) Chlorobenzene	10.080	112	130373	19.799	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45983	19.749	ug/l		99
67) Ethyl Benzene	10.195	91	241976	19.539	ug/l		97
68) m/p-Xylenes	10.299	106	177117	38.692	ug/l		94
69) o-Xylene	10.640	106	89378	19.677	ug/l		93
70) Styrene	10.653	104	145140	19.826	ug/l		98
71) Bromoform	10.799	173	28102	18.344	ug/l	#	98
73) Isopropylbenzene	10.964	105	226918	19.486	ug/l		98
74) N-amyl acetate	10.842	43	110221	20.300	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.214	83	79050	20.926	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	68744m	20.336	ug/l		
77) Bromobenzene	11.201	156	53204	20.129	ug/l		93
78) n-propylbenzene	11.305	91	265491	19.394	ug/l		97
79) 2-Chlorotoluene	11.366	91	169553	19.783	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	196776	19.881	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	18590	17.724	ug/l	#	77
82) 4-Chlorotoluene	11.451	91	194760	19.732	ug/l		97
83) tert-Butylbenzene	11.713	119	181893	18.906	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	196500	19.772	ug/l		98
85) sec-Butylbenzene	11.890	105	217621	18.015	ug/l		98
86) p-Isopropyltoluene	12.006	119	187058	18.836	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	97075	19.333	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	97575	19.244	ug/l		97
89) n-Butylbenzene	12.329	91	160669	17.785	ug/l		98
90) Hexachloroethane	12.536	117	26643	17.700	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	96485	19.623	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15697	18.660	ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	53866	18.194	ug/l		99
94) Hexachlorobutadiene	13.725	225	18456	15.705	ug/l		98
95) Naphthalene	13.774	128	199114	19.639	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	53315	18.310	ug/l		99

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

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