Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
Data File : VX036981.D
Acq On : 15 Aug 2023 12:18
Operator : JC/MD
Sample : VX0815MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 15 16:53:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0815MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Semsettin Yesilyurt 08/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	117916	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	203662	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	182040	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92396	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	94199	53.990	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.980%				
35) Dibromofluoromethane	5.385	113	79405	56.724	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.440%				
50) Toluene-d8	8.647	98	251743	50.712	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.420%				
62) 4-Bromofluorobenzene	11.079	95	104138	55.602	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	32615	20.938	ug/l		96
3) Chloromethane	1.301	50	26453	18.671	ug/l		96
4) Vinyl Chloride	1.374	62	30112	20.875	ug/l		97
5) Bromomethane	1.599	94	18299	21.249	ug/l		99
6) Chloroethane	1.685	64	19570	27.905	ug/l		98
7) Trichlorofluoromethane	1.886	101	54582	24.503	ug/l		97
8) Diethyl Ether	2.136	74	19785	22.957	ug/l		79
9) 1,1,2-Trichlorotrifluo...	2.331	101	30723	22.956	ug/l		99
10) Methyl Iodide	2.453	142	35990	25.891	ug/l		94
11) Tert butyl alcohol	2.965	59	45747	110.752	ug/l	#	92
12) 1,1-Dichloroethene	2.319	96	29353	22.231	ug/l		85
13) Acrolein	2.239	56	24884	105.561	ug/l		97
14) Allyl chloride	2.666	41	47945	18.440	ug/l	#	94
15) Acrylonitrile	3.068	53	91274	109.879	ug/l		99
16) Acetone	2.380	43	79293	109.521	ug/l		91
17) Carbon Disulfide	2.514	76	66515	18.253	ug/l		97
18) Methyl Acetate	2.703	43	65032	21.352	ug/l	#	90
19) Methyl tert-butyl Ether	3.117	73	114086	22.993	ug/l		98
20) Methylene Chloride	2.788	84	34006	21.120	ug/l		92
21) trans-1,2-Dichloroethene	3.093	96	31725	21.498	ug/l		89
22) Diisopropyl ether	3.763	45	99446	20.144	ug/l	#	89
23) Vinyl Acetate	3.721	43	384622	101.570	ug/l	#	93
24) 1,1-Dichloroethane	3.611	63	60379	21.815	ug/l		99
25) 2-Butanone	4.556	43	125194	106.580	ug/l		93
26) 2,2-Dichloropropane	4.471	77	56235	21.562	ug/l		100
27) cis-1,2-Dichloroethene	4.495	96	39585	22.585	ug/l		92
28) Bromochloromethane	4.904	49	26555	19.838	ug/l	#	82
29) Tetrahydrofuran	5.013	42	77945	102.922	ug/l	#	85
30) Chloroform	5.099	83	66570	23.509	ug/l		99
31) Cyclohexane	5.470	56	45737	18.933	ug/l		90
32) 1,1,1-Trichloroethane	5.385	97	60219	23.209	ug/l		98
36) 1,1-Dichloropropene	5.696	75	45139	21.634	ug/l		97
37) Ethyl Acetate	4.721	43	48494	20.535	ug/l	#	95
38) Carbon Tetrachloride	5.678	117	50684	22.849	ug/l		97
39) Methylcyclohexane	7.379	83	47071	18.143	ug/l		92
40) Benzene	6.037	78	132388	21.808	ug/l		99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26408	20.908 ug/l #	91
42) 1,2-Dichloroethane	6.092	62	52680	23.735 ug/l	96
43) Isopropyl Acetate	6.342	43	81568	20.065 ug/l #	94
44) Trichloroethene	7.129	130	36613	23.074 ug/l	99
45) 1,2-Dichloropropane	7.434	63	34257	21.136 ug/l	97
46) Dibromomethane	7.586	93	26445	23.314 ug/l	96
47) Bromodichloromethane	7.824	83	51974	22.322 ug/l	100
48) Methyl methacrylate	7.696	41	38374	20.298 ug/l #	87
49) 1,4-Dioxane	7.659	88	17590	460.571 ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	245972	109.339 ug/l	94
52) Toluene	8.720	92	86366	22.706 ug/l	98
53) t-1,3-Dichloropropene	8.976	75	54768	20.811 ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	58416	21.036 ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	36548	22.858 ug/l	96
56) Ethyl methacrylate	9.116	69	57146	21.949 ug/l	91
57) 1,3-Dichloropropane	9.311	76	61357	23.040 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	134885	105.142 ug/l	94
59) 2-Hexanone	9.427	43	186670	111.806 ug/l	92
60) Dibromochloromethane	9.519	129	40352	22.961 ug/l	99
61) 1,2-Dibromoethane	9.610	107	39209	23.661 ug/l	100
64) Tetrachloroethene	9.275	164	32359	23.832 ug/l	99
65) Chlorobenzene	10.079	112	93442	23.287 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36669	23.643 ug/l	99
67) Ethyl Benzene	10.195	91	165506	22.578 ug/l	97
68) m/p-Xylenes	10.299	106	126994	46.432 ug/l	98
69) o-Xylene	10.640	106	62477	22.885 ug/l	98
70) Styrene	10.652	104	103061	22.881 ug/l	99
71) Bromoform	10.799	173	28082	22.368 ug/l #	99
73) Isopropylbenzene	10.963	105	161978	21.183 ug/l	99
74) N-amyl acetate	10.841	43	66154	18.552 ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	55999	21.683 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47361m	21.793 ug/l	
77) Bromobenzene	11.195	156	39349	22.596 ug/l	93
78) n-propylbenzene	11.305	91	180399	20.399 ug/l	100
79) 2-Chlorotoluene	11.366	91	114199	21.311 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	135539	21.188 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17557	18.311 ug/l	89
82) 4-Chlorotoluene	11.451	91	131810	21.588 ug/l	98
83) tert-Butylbenzene	11.713	119	128505	20.449 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136035	21.264 ug/l	97
85) sec-Butylbenzene	11.890	105	154054	19.657 ug/l	100
86) p-Isopropyltoluene	12.006	119	130286	20.203 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71624	22.207 ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	72492	22.648 ug/l	99
89) n-Butylbenzene	12.329	91	108403	18.778 ug/l	99
90) Hexachloroethane	12.536	117	22781	17.425 ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	72421	23.269 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13019	21.693 ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	41080	21.423 ug/l	97
94) Hexachlorobutadiene	13.725	225	15803	19.921 ug/l	98
95) Naphthalene	13.774	128	160495	24.019 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	41623	22.024 ug/l	97

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

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