Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062122\
Data File : VV026501.D
Acq On : 21 Jun 2022 20:14
Operator : SY/MD
Sample : N3374-03MSD
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

Quant Time: Jun 22 04:46:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 22 04:36:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	268104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	247741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.327	65	61655	2.648	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.000%			
7) Chloroethane-d5	1.587	69	56696	3.096	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 62.000%#			
11) 1,1-Dichloroethene-d2	2.127	63	126828	3.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.400%			
20) 2-Butanone-d5	3.915	46	122622	53.965	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.940%			
24) Chloroform-d	4.365	84	153513	4.498	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	5.047	65	58775	4.070	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.400%			
32) Benzene-d6	5.063	84	301405	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.079	67	87592	4.531	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.600%			
41) Toluene-d8	7.320	98	282717	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	7.629	79	17548	2.800	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.000%			
46) 2-Hexanone-d5	8.092	63	114714	60.583	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.160%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61665	5.178	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	102460	5.090	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.150	85	86518	4.316	ug/L	100
3) Chloromethane	1.259	50	76383	3.432	ug/L	100
5) Vinyl chloride	1.330	62	83420	3.605	ug/L #	17
6) Bromomethane	1.542	94	46343	3.583	ug/L	99
8) Chloroethane	1.603	64	57399	3.995	ug/L	88
9) Trichlorofluoromethane	1.770	101	130421	4.083	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	78440	4.234	ug/L	99
12) 1,1-Dichloroethene	2.137	96	69410	4.098	ug/L	92
13) Acetone	2.204	43	246610	140.046	ug/L	86
14) Carbon disulfide	2.314	76	224081	5.366	ug/L	99
15) Methyl Acetate	2.458	43	24262	5.742	ug/L	94
16) Methylene chloride	2.526	84	75285	3.484	ug/L	96
17) Methyl tert-butyl Ether	2.790	73	150558	5.170	ug/L	98
18) trans-1,2-Dichloroethene	2.780	96	77246	4.702	ug/L	98
19) 1,1-Dichloroethane	3.208	63	154190	4.922	ug/L	97
21) 2-Butanone	3.995	43	143438	62.952	ug/L	89
22) cis-1,2-Dichloroethene	3.931	96	90168	5.425	ug/L	95
23) Bromochloromethane	4.269	128	35102	4.977	ug/L	91
25) Chloroform	4.391	83	161109	4.741	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.143	62	70765	4.575	ug/L		99
29) 1,1,1-Trichloroethane	4.622	97	143126	5.229	ug/L		98
30) Cyclohexane	4.690	56	101886	4.976	ug/L		98
31) Carbon tetrachloride	4.841	117	103578	4.468	ug/L		96
33) Benzene	5.111	78	406477	6.400	ug/L		100
34) Trichloroethene	5.921	95	87870	5.067	ug/L		93
35) Methylcyclohexane	6.140	83	116683	4.864	ug/L		98
37) 1,2-Dichloropropane	6.182	63	82797	4.984	ug/L	#	96
38) Bromodichloromethane	6.516	83	100062	4.966	ug/L		97
39) cis-1,3-Dichloropropene	7.034	75	71472	3.770	ug/L		100
40) 4-Methyl-2-pentanone	7.230	43	364802	59.722	ug/L		94
42) Toluene	7.391	91	407692	6.103	ug/L		98
44) trans-1,3-Dichloropropene	7.657	75	48166	3.181	ug/L		98
45) 1,1,2-Trichloroethane	7.841	97	55966	5.133	ug/L		96
47) Tetrachloroethene	7.979	164	67104	5.224	ug/L		99
48) 2-Hexanone	8.140	43	234868	53.668	ug/L	#	93
49) Dibromochloromethane	8.249	129	56082	4.644	ug/L		95
50) 1,2-Dibromoethane	8.355	107	48277	5.196	ug/L		88
51) Chlorobenzene	8.883	112	244223	5.599	ug/L		99
52) Ethylbenzene	9.014	91	419189	6.259	ug/L		97
53) m,p-Xylene	9.140	106	173612	6.651	ug/L		96
54) o-Xylene	9.545	106	155587	6.152	ug/L		99
55) Styrene	9.561	104	231208	5.444	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.243	83	66062	5.973	ug/L		97
59) Bromoform	9.731	173	20377	3.551	ug/L		98
60) Isopropylbenzene	9.931	105	449962	6.458	ug/L		100
61) 1,2,3-Trichloropropane	10.272	75	42815	5.049	ug/L		95
62) 1,3,5-Trimethylbenzene	10.538	105	365437	6.610	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	375352	6.859	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	197132	5.758	ug/L		98
65) 1,4-Dichlorobenzene	11.272	146	197064	5.664	ug/L		97
67) 1,2-Dichlorobenzene	11.641	146	173479	5.721	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7625	5.076	ug/L		87
69) 1,3,5-Trichlorobenzene	12.644	180	151785	6.132	ug/L		98
70) 1,2,4-trichlorobenzene	13.259	180	125612	6.880	ug/L		99
71) Naphthalene	13.500	128	353959	13.964	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	101521	6.642	ug/L		98

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

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