Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
Data File : VV034302.D
Acq On : 21 Feb 2024 04:44
Operator : SY/MD
Sample : P1511-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCND1MS

Quant Time: Feb 21 05:42:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	22976	3.936	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.800%			
7) Chloroethane-d5	1.535	69	20169	3.945	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.800%			
11) 1,1-Dichloroethene-d2	2.060	65	11050	3.925	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.600%			
20) 2-Butanone-d5	3.799	46	43262	44.127	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.260%			
24) Chloroform-d	4.249	84	50086	4.722	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	4.944	65	23286	4.697	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	4.963	84	90469	4.310	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
36) 1,2-Dichloropropane-d6	5.989	67	24498	4.175	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.400%			
41) Toluene-d8	7.243	98	84897	4.400	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	7.558	79	7633	3.445	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.800%			
46) 2-Hexanone-d5	8.027	63	32054	40.524	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.040%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15793	4.439	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	28520	4.590	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	27567	3.991	ug/L	99
3) Chloromethane	1.217	50	31380	4.165	ug/L	99
5) Vinyl chloride	1.285	62	31759	4.411	ug/L #	1
6) Bromomethane	1.490	94	14264	3.762	ug/L	95
8) Chloroethane	1.552	64	25033	5.097	ug/L	92
9) Trichlorofluoromethane	1.716	101	54227	5.227	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27887	5.142	ug/L	98
12) 1,1-Dichloroethene	2.072	96	27124	5.151	ug/L	90
13) Acetone	2.130	43	35544	47.788	ug/L #	37
14) Carbon disulfide	2.243	76	77087	4.525	ug/L	99
15) Methyl Acetate	2.384	43	6227	3.538	ug/L	95
16) Methylene chloride	2.449	84	25925	5.131	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	53173	4.915	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26995	5.033	ug/L	100
19) 1,1-Dichloroethane	3.111	63	50102	5.084	ug/L	95
21) 2-Butanone	3.886	43	43504	44.261	ug/L #	48
22) cis-1,2-Dichloroethene	3.818	96	28616	4.703	ug/L	95
23) Bromochloromethane	4.153	128	11057	5.227	ug/L	92
25) Chloroform	4.278	83	51082	5.128	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.043	62	29696	5.206	ug/L		97
29) 1,1,1-Trichloroethane	4.513	97	48848	5.200	ug/L		98
30) Cyclohexane	4.587	56	41813	4.577	ug/L		95
31) Carbon tetrachloride	4.735	117	43611	5.306	ug/L		100
33) Benzene	5.011	78	106950	5.096	ug/L		100
34) Trichloroethene	5.834	95	27278	4.491	ug/L		96
35) Methylcyclohexane	6.050	83	43712	4.585	ug/L		98
37) 1,2-Dichloropropane	6.092	63	24283	4.777	ug/L		99
38) Bromodichloromethane	6.436	83	32847	4.922	ug/L		97
39) cis-1,3-Dichloropropene	6.956	75	28039	3.625	ug/L		97
40) 4-Methyl-2-pentanone	7.156	43	112601	46.256	ug/L		99
42) Toluene	7.317	91	117021	5.217	ug/L		95
44) trans-1,3-Dichloropropene	7.583	75	21815	3.673	ug/L		98
45) 1,1,2-Trichloroethane	7.770	97	15278	4.867	ug/L		96
47) Tetrachloroethene	7.905	164	22807	4.621	ug/L		93
48) 2-Hexanone	8.075	43	78356	45.665	ug/L		99
49) Dibromochloromethane	8.175	129	17669	4.737	ug/L		99
50) 1,2-Dibromoethane	8.284	107	13550	4.809	ug/L		96
51) Chlorobenzene	8.815	112	71668	5.054	ug/L		99
52) Ethylbenzene	8.944	91	129984	5.035	ug/L		100
53) m,p-Xylene	9.072	106	49023	5.025	ug/L		96
54) o-Xylene	9.477	106	48241	5.128	ug/L		100
55) Styrene	9.497	104	71792	4.766	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.178	83	15880	4.793	ug/L		98
59) Bromoform	9.667	173	8249	4.383	ug/L		97
60) Isopropylbenzene	9.866	105	126093	4.988	ug/L		99
61) 1,2,3-Trichloropropane	10.210	75	11611	4.944	ug/L		100
62) 1,3,5-Trimethylbenzene	10.474	105	108909	5.096	ug/L		100
63) 1,2,4-Trimethylbenzene	10.850	105	106823	5.144	ug/L		100
64) 1,3-Dichlorobenzene	11.117	146	55917	5.073	ug/L		98
65) 1,4-Dichlorobenzene	11.207	146	53263	4.880	ug/L		99
67) 1,2-Dichlorobenzene	11.577	146	48185	5.090	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2320	4.713	ug/L	#	85
69) 1,3,5-Trichlorobenzene	12.580	180	40541	4.753	ug/L		99
70) 1,2,4-trichlorobenzene	13.197	180	32193	4.835	ug/L		99
71) Naphthalene	13.442	128	38072	4.363	ug/L		98
72) 1,2,3-Trichlorobenzene	13.680	180	25984	4.870	ug/L		98

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

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