Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034041.D
Acq On : 07 Feb 2024 19:19
Operator : SY/MD
Sample : P1383-06MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB0MS

Quant Time: Feb 08 04:52:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79810	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	75424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21719	3.514	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.200%			
7) Chloroethane-d5	1.532	69	21929	4.050	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	2.060	65	12138	4.072	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.400%			
20) 2-Butanone-d5	3.793	46	58430	56.286	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.580%			
24) Chloroform-d	4.252	84	52983	4.717	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	4.947	65	26156	4.983	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	4.963	84	95420	4.217	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
36) 1,2-Dichloropropane-d6	5.992	67	27778	4.391	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.246	98	88584	4.259	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	7.558	79	10956	4.587	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.024	63	48353	56.709	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.420%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20129	5.249	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	34199	4.713	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	37120	5.075	ug/L	99
3) Chloromethane	1.217	50	39325	4.929	ug/L	98
5) Vinyl chloride	1.285	62	38324	5.027	ug/L	90
6) Bromomethane	1.487	94	19553	4.870	ug/L	98
8) Chloroethane	1.548	64	23695	4.556	ug/L	98
9) Trichlorofluoromethane	1.715	101	60641	5.520	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30254	5.268	ug/L	97
12) 1,1-Dichloroethene	2.072	96	29939	5.370	ug/L	86
13) Acetone	2.117	43	39665	50.365	ug/L #	34
14) Carbon disulfide	2.243	76	83000	4.601	ug/L	99
15) Methyl Acetate	2.381	43	8985	4.821	ug/L	99
16) Methylene chloride	2.449	84	27882	5.212	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	66865	5.837	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	28775	5.067	ug/L	95
19) 1,1-Dichloroethane	3.114	63	55427	5.312	ug/L	97
21) 2-Butanone	3.873	43	57724	55.465	ug/L #	55
22) cis-1,2-Dichloroethene	3.818	96	32064	4.977	ug/L	95
23) Bromochloromethane	4.153	128	12918	5.767	ug/L	92
25) Chloroform	4.278	83	55733	5.284	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	35639	5.901	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	54680	5.400	ug/L	98
30) Cyclohexane	4.584	56	47929	4.867	ug/L	98
31) Carbon tetrachloride	4.741	117	46415	5.238	ug/L	99
33) Benzene	5.011	78	115878	5.122	ug/L	100
34) Trichloroethene	5.834	95	34731	5.305	ug/L	99
35) Methylcyclohexane	6.050	83	50466	4.911	ug/L	98
37) 1,2-Dichloropropane	6.095	63	26938	4.916	ug/L	98
38) Bromodichloromethane	6.436	83	38555	5.360	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	43745	5.247	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	149219	56.866	ug/L	97
42) Toluene	7.317	91	159381	6.592	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	34460	5.383	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	18537	5.478	ug/L	97
47) Tetrachloroethene	7.905	164	25465	4.787	ug/L	93
48) 2-Hexanone	8.075	43	103309	55.852	ug/L	100
49) Dibromochloromethane	8.178	129	21406	5.324	ug/L	95
50) 1,2-Dibromoethane	8.284	107	16973	5.589	ug/L	92
51) Chlorobenzene	8.815	112	80624	5.274	ug/L	99
52) Ethylbenzene	8.947	91	145193	5.217	ug/L	98
53) m,p-Xylene	9.075	106	53977	5.132	ug/L	99
54) o-Xylene	9.480	106	53570	5.282	ug/L	96
55) Styrene	9.497	104	87495	5.388	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	20730	5.805	ug/L	100
59) Bromoform	9.667	173	11661	5.306	ug/L	99
60) Isopropylbenzene	9.869	105	146689	4.969	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14714	5.365	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	122984	4.928	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	123056	5.075	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	66123	5.137	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	65475	5.137	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	59312	5.366	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3458	6.016	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	50363	5.056	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	41463	5.332	ug/L	99
71) Naphthalene	13.442	128	61147	6.001	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	34391	5.520	ug/L	98

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

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