Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
Data File : VV030547.D
Acq On : 13 Apr 2023 15:58
Operator : SY/MD
Sample : 02275-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHDZ9

Quant Time: Apr 14 05:21:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	153996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	146795	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	77204	7.570	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 151.400%#			
7) Chloroethane-d5	1.536	69	54081	5.464	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.200%			
11) 1,1-Dichloroethene-d2	2.069	63	217281	8.978	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 179.600%#			
20) 2-Butanone-d5	3.809	46	151819	57.590	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.180%			
24) Chloroform-d	4.262	84	120455	4.880	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	4.953	65	61165	5.252	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	4.973	84	217248	5.252	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.000%			
36) 1,2-Dichloropropane-d6	5.998	67	69627	5.376	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.600%			
41) Toluene-d8	7.252	98	175975	4.632	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	7.564	79	22502	4.615	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.200%			
46) 2-Hexanone-d5	8.034	63	103659	52.906	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.820%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49002	4.801	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	11.571	152	63687	5.221	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	192223	10.673	ug/L	98
12) 1,1-Dichloroethene	2.076	96	206828	16.074	ug/L #	77
18) trans-1,2-Dichloroethene	2.703	96	21390	1.578	ug/L	94
19) 1,1-Dichloroethane	3.121	63	175324	6.672	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	3696962	271.750	ug/L	96
25) Chloroform	4.291	83	60973	2.296	ug/L	97
27) 1,2-Dichloroethane	5.056	62	16464	1.025	ug/L	100
29) 1,1,1-Trichloroethane	4.526	97	105034	4.452	ug/L	97
30) Cyclohexane	4.587	56	6469	0.301	ug/L	99
31) Carbon tetrachloride	4.748	117	6204	0.290	ug/L	95
33) Benzene	5.021	78	264878	5.080	ug/L	100
34) Trichloroethene	5.851	95	12011312	854.180	ug/L	93
35) Methylcyclohexane	6.063	83	5916	0.268	ug/L #	56
37) 1,2-Dichloropropane	6.108	63	2230	0.167	ug/L #	78
45) 1,1,2-Trichloroethane	7.783	97	2687	0.285	ug/L	93
47) Tetrachloroethene	7.918	164	3758143	302.826	ug/L	93
51) Chlorobenzene	8.825	112	22775	0.640	ug/L	99
54) o-Xylene	9.487	106	51323	2.306	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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