Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029506.D
Acq On : 09 Dec 2022 04:22
Operator : SY/MD
Sample : N5928-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ66

Quant Time: Dec 09 06:48:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	533388	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	501764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	274332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117426	35.951	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.900%			
7) Chloroethane-d5	1.561	69	100494	40.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.700%			
11) 1,1-Dichloroethene-d2	2.105	63	154160	30.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.520%			
21) 2-Butanone-d5	3.867	46	247763	124.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.350%			
24) Chloroform-d	4.339	84	260199	42.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.660%			
26) 1,2-Dichloroethane-d4	5.024	65	156223	44.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.000%			
32) Benzene-d6	5.043	84	541866	40.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.740%			
36) 1,2-Dichloropropane-d6	6.063	67	175933	43.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.880%			
41) Toluene-d8	7.307	98	493561	39.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.020%#			
43) trans-1,3-Dichloroprop...	7.612	79	72503	35.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.900%			
47) 2-Hexanone-d5	8.082	63	213753	123.603	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.600%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	257386	44.475	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.960%			
66) 1,2-Dichlorobenzene-d4	11.612	152	221537	42.422	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.840%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1175736	293.362	ug/L	99
8) Chloroethane	1.577	64	8559010	3835.249	ug/L	92
12) 1,1-Dichloroethene	2.114	96	14102	4.946	ug/L #	1
13) Acetone	2.159	43	12454	9.595	ug/L	98
15) Methyl Acetate	2.426	43	29576	10.001	ug/L	98
16) Methylene chloride	2.503	84	6815	1.922	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	41559	12.651	ug/L	99
19) 1,1-Dichloroethane	3.182	63	5178135	920.092	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	1667668	461.655	ug/L	95
27) 1,2-Dichloroethane	5.127	62	24966	6.057	ug/L	99
29) Cyclohexane	4.674	56	7604	1.399	ug/L	91
30) 1,1,1-Trichloroethane	4.600	97	160167	29.299	ug/L	99
33) Benzene	5.098	78	32486	2.297	ug/L	100
34) Trichloroethene	5.908	95	145631	41.091	ug/L	98
35) Methylcyclohexane	6.127	83	16058	2.668	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	10047	2.469	ug/L	99
42) Toluene	7.378	91	2521444	165.635	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	3087	0.875	ug/L	92
46) Tetrachloroethene	7.969	164	9802	3.440	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	8.876	112	24050	2.495	ug/L	98
52) Ethylbenzene	9.005	91	3486644	217.852	ug/L	98
53) m,p-Xylene	9.130	106	3865852	610.292	ug/L	95
54) o-Xylene	9.535	106	2270546	362.372	ug/L	98
60) Isopropylbenzene	9.921	105	612837	38.049	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	2588229	181.744	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	11509866	815.345	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	18736	2.341	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	290242	36.041	ug/L	99

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

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