Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056321.D
Acq On : 14 Nov 2023 21:31
Operator : MD/SY
Sample : 05328-14MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A49W2MS

Quant Time: Nov 15 02:57:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 15 01:36:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	279748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90747	4.336	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.800%			
7) Chloroethane-d5	1.907	69	80986	5.047	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.000%			
11) 1,1-Dichloroethene-d2	2.563	65	42242	4.574	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.400%			
20) 2-Butanone-d5	4.618	46	194726	46.664	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.320%			
24) Chloroform-d	5.055	84	201992	4.990	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.695	65	92970	4.970	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.400%			
32) Benzene-d6	5.721	84	380478	4.565	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.685	67	115555	4.600	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.000%			
41) Toluene-d8	7.894	98	338048	4.593	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.174	79	44011	4.568	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.627	63	176269	46.558	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.120%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	84931	4.732	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	117020	4.644	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	122344	5.519	ug/L	98
3) Chloromethane	1.515	50	116225	5.131	ug/L	98
5) Vinyl chloride	1.602	62	111746	5.120	ug/L	98
6) Bromomethane	1.853	94	50611	4.581	ug/L	97
8) Chloroethane	1.927	64	79131	5.935	ug/L	94
9) Trichlorofluoromethane	2.136	101	177058	5.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	102236	5.475	ug/L	99
12) 1,1-Dichloroethene	2.576	96	92847	5.421	ug/L	91
13) Acetone	2.624	43	109757	30.882	ug/L	98
14) Carbon disulfide	2.788	76	288048	5.168	ug/L	99
15) Methyl Acetate	2.946	43	27572	4.359	ug/L	99
16) Methylene chloride	3.042	84	101020	4.457	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	218448	5.250	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	96708	5.488	ug/L	99
19) 1,1-Dichloroethane	3.862	63	188114	5.389	ug/L	99
21) 2-Butanone	4.698	43	189084	41.000	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	107645	5.386	ug/L	98
23) Bromochloromethane	4.965	128	43631	5.304	ug/L	95
25) Chloroform	5.081	83	199628	5.278	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115956	5.400	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	172910	5.385	ug/L	99
30) Cyclohexane	5.383	56	155415	5.099	ug/L	99
31) Carbon tetrachloride	5.518	117	145687	5.282	ug/L	97
33) Benzene	5.769	78	419429	5.255	ug/L	100
34) Trichloroethene	6.537	95	112124	5.156	ug/L	97
35) Methylcyclohexane	6.759	83	166596	5.306	ug/L	97
37) 1,2-Dichloropropane	6.785	63	108419	5.208	ug/L	100
38) Bromodichloromethane	7.100	83	135130	5.029	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	153645	5.023	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	502366	48.685	ug/L	99
42) Toluene	7.965	91	441976	5.348	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	125071	5.129	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	72612	5.238	ug/L	97
47) Tetrachloroethene	8.550	164	77994	5.318	ug/L	98
48) 2-Hexanone	8.679	43	356516	44.350	ug/L	99
49) Dibromochloromethane	8.804	129	83015	5.266	ug/L	100
50) 1,2-Dibromoethane	8.920	107	66581	5.087	ug/L	97
51) Chlorobenzene	9.441	112	286269	5.391	ug/L	99
52) Ethylbenzene	9.566	91	507695	5.532	ug/L	99
53) m,p-Xylene	9.688	106	188335	5.583	ug/L	95
54) o-Xylene	10.097	106	177969	5.431	ug/L	99
55) Styrene	10.110	104	297754	5.462	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	87215	5.152	ug/L	99
59) Bromoform	10.286	173	45078	5.305	ug/L	99
60) Isopropylbenzene	10.479	105	480428	5.461	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	61629	5.266	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	391062	5.414	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	390257	5.474	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	219842	5.494	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	212297	5.289	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	197468	5.379	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	11785	4.714	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	160694	5.334	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	125851	5.129	ug/L	98
71) Naphthalene	14.084	128	182663	4.927	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	104537	5.172	ug/L	97

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

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