Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
Data File : VU053899.D
Acq On : 25 Apr 2023 21:16
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005161

Quant Time: Apr 26 05:16:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 26 05:09:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	146508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37866	4.243	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.800%			
7) Chloroethane-d5	1.916	69	32985	4.404	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.000%			
11) 1,1-Dichloroethene-d2	2.565	65	15946	4.342	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.800%			
20) 2-Butanone-d5	4.642	46	75931	46.457	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.920%			
24) Chloroform-d	5.057	84	81182	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.697	65	36379	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.723	84	153606	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	6.687	67	47817	4.894	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.893	98	144753	4.803	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	8.176	79	16968	4.416	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.629	63	69313	50.973	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.940%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36594	4.635	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.600%			
66) 1,2-Dichlorobenzene-d4	12.189	152	52720	4.317	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	52520	4.832	ug/L	98
3) Chloromethane	1.520	50	52253	4.951	ug/L	99
5) Vinyl chloride	1.604	62	59938	4.922	ug/L	98
6) Bromomethane	1.858	94	39347	4.965	ug/L	94
8) Chloroethane	1.935	64	37865	4.981	ug/L	97
9) Trichlorofluoromethane	2.137	101	86924	4.834	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	51315	4.911	ug/L	99
12) 1,1-Dichloroethene	2.578	96	47957	5.204	ug/L	97
13) Acetone	2.658	43	50990	38.471	ug/L	96
14) Carbon disulfide	2.790	76	117178	4.640	ug/L	98
15) Methyl Acetate	2.957	43	12773	4.465	ug/L	93
16) Methylene chloride	3.044	84	52539	4.178	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	100345	5.027	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	46765	5.022	ug/L	99
19) 1,1-Dichloroethane	3.867	63	87022	5.164	ug/L	97
21) 2-Butanone	4.723	43	90202	49.164	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	52524	5.000	ug/L	99
23) Bromochloromethane	4.970	128	23751	5.081	ug/L	95
25) Chloroform	5.083	83	94705	5.175	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	51343	4.894	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	79510	5.159	ug/L	99
30) Cyclohexane	5.385	56	67895	4.903	ug/L	98
31) Carbon tetrachloride	5.520	117	66924	4.996	ug/L	95
33) Benzene	5.771	78	203719	5.272	ug/L	100
34) Trichloroethene	6.536	95	55375	5.259	ug/L	95
35) Methylcyclohexane	6.758	83	78269	4.812	ug/L	100
37) 1,2-Dichloropropane	6.787	63	50441	5.261	ug/L	100
38) Bromodichloromethane	7.099	83	60877	5.080	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	70249	4.859	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	220700	51.033	ug/L	99
42) Toluene	7.964	91	214550	5.236	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	56511	4.834	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	37107	5.164	ug/L	97
47) Tetrachloroethene	8.549	164	43944	5.265	ug/L	98
48) 2-Hexanone	8.681	43	157073	47.785	ug/L	98
49) Dibromochloromethane	8.806	129	37448	4.922	ug/L	96
50) 1,2-Dibromoethane	8.919	107	35930	5.405	ug/L	99
51) Chlorobenzene	9.443	112	138881	4.992	ug/L	100
52) Ethylbenzene	9.565	91	229834	5.108	ug/L	99
53) m,p-Xylene	9.690	106	89424	5.186	ug/L	97
54) o-Xylene	10.095	106	85741	5.153	ug/L	96
55) Styrene	10.108	104	141140	5.185	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	42031	4.906	ug/L	94
59) Bromoform	10.285	173	18913	4.369	ug/L	97
60) Isopropylbenzene	10.478	105	226943	4.957	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	29069	4.951	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	183731	4.937	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	184036	4.887	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	108470	4.741	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	108140	4.678	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	101848	4.820	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	5311	4.390	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	77433	4.727	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	60393	4.050	ug/L	97
71) Naphthalene	14.082	128	99685	3.782	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	55064	4.138	ug/L	99

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

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