Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056258.D
Acq On : 13 Nov 2023 17:48
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Quant Time: Nov 13 23:54:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 13 23:42:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115997	5.166	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.400%			
7) Chloroethane-d5	1.911	69	91218	5.298	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.000%			
11) 1,1-Dichloroethene-d2	2.563	65	53181	5.367	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.400%			
20) 2-Butanone-d5	4.621	46	237993	53.156	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.320%			
24) Chloroform-d	5.055	84	232679	5.357	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.200%			
26) 1,2-Dichloroethane-d4	5.695	65	106632	5.313	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	5.721	84	459052	5.438	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.800%			
36) 1,2-Dichloropropane-d6	6.685	67	141437	5.559	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.200%			
41) Toluene-d8	7.894	98	408492	5.480	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.600%			
43) trans-1,3-Dichloroprop...	8.174	79	53389	5.471	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.400%			
46) 2-Hexanone-d5	8.627	63	213316	55.627	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.260%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	99725	5.485	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	134108	5.350	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	131888	5.545	ug/L	98
3) Chloromethane	1.518	50	134340	5.527	ug/L	96
5) Vinyl chloride	1.602	62	134755	5.754	ug/L	99
6) Bromomethane	1.856	94	74833	6.313	ug/L	95
8) Chloroethane	1.930	64	81294	5.683	ug/L	99
9) Trichlorofluoromethane	2.136	101	189486	5.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	111351	5.558	ug/L	98
12) 1,1-Dichloroethene	2.576	96	105972	5.767	ug/L	96
13) Acetone	2.631	43	186046	48.788	ug/L	100
14) Carbon disulfide	2.788	76	334173	5.588	ug/L	98
15) Methyl Acetate	2.949	43	37358	5.505	ug/L	97
16) Methylene chloride	3.042	84	124583	5.123	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	258141	5.782	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	110676	5.854	ug/L	99
19) 1,1-Dichloroethane	3.862	63	215236	5.747	ug/L	97
21) 2-Butanone	4.698	43	260929	52.732	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	126268	5.889	ug/L	98
23) Bromochloromethane	4.968	128	51113	5.791	ug/L	95
25) Chloroform	5.081	83	229245	5.649	ug/L	95

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Quant Time: Nov 13 23:54:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131536	5.709	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	190255	5.849	ug/L	99
30) Cyclohexane	5.383	56	179998	5.831	ug/L	97
31) Carbon tetrachloride	5.518	117	159213	5.699	ug/L	100
33) Benzene	5.769	78	480241	5.940	ug/L	100
34) Trichloroethene	6.537	95	126310	5.734	ug/L	97
35) Methylcyclohexane	6.759	83	182130	5.727	ug/L	99
37) 1,2-Dichloropropane	6.785	63	126536	6.002	ug/L	100
38) Bromodichloromethane	7.100	83	155719	5.721	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	181691	5.865	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	611455	58.504	ug/L	98
42) Toluene	7.965	91	495268	5.917	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	146380	5.927	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	84107	5.990	ug/L	97
47) Tetrachloroethene	8.550	164	86771	5.842	ug/L	99
48) 2-Hexanone	8.679	43	471779	57.943	ug/L	98
49) Dibromochloromethane	8.804	129	91973	5.760	ug/L	95
50) 1,2-Dibromoethane	8.920	107	78027	5.886	ug/L	99
51) Chlorobenzene	9.441	112	308088	5.728	ug/L	99
52) Ethylbenzene	9.566	91	540160	5.811	ug/L	100
53) m,p-Xylene	9.688	106	205051	6.001	ug/L	99
54) o-Xylene	10.097	106	199255	6.003	ug/L	97
55) Styrene	10.110	104	337348	6.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	101534	5.922	ug/L	97
59) Bromoform	10.287	173	52873	6.256	ug/L	99
60) Isopropylbenzene	10.479	105	531727	6.076	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	71812	6.168	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	432150	6.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	440791	6.215	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	240259	6.036	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	234355	5.870	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	217281	5.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	14368	5.778	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	176904	5.903	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	145221	5.949	ug/L	99
71) Naphthalene	14.084	128	227825	6.177	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	123640	6.149	ug/L	97

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

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