Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
Data File : VU057571.D
Acq On : 23 Jan 2024 15:16
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Quant Time: Jan 24 00:53:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 00:42:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18836	4.823	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.400%			
7) Chloroethane-d5	1.914	69	15794	4.826	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.563	65	8996	4.899	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.000%			
20) 2-Butanone-d5	4.637	46	38249	51.915	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.840%			
24) Chloroform-d	5.055	84	39681	5.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.695	65	18304	5.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.721	84	77013	5.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
36) 1,2-Dichloropropane-d6	6.685	67	22776	5.080	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.894	98	72708	5.153	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
43) trans-1,3-Dichloroprop...	8.177	79	9229	5.165	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.200%			
46) 2-Hexanone-d5	8.631	63	29406	51.580	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.160%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15520	5.164	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22112	5.098	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	29704	4.946	ug/L	99
3) Chloromethane	1.518	50	28942	4.816	ug/L	99
5) Vinyl chloride	1.602	62	31741	4.962	ug/L	99
6) Bromomethane	1.856	94	16821	5.044	ug/L	94
8) Chloroethane	1.933	64	19238	5.022	ug/L	94
9) Trichlorofluoromethane	2.139	101	47699	5.006	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	27900	5.037	ug/L	100
12) 1,1-Dichloroethene	2.579	96	25441	4.939	ug/L	95
13) Acetone	2.663	43	33463	47.798	ug/L	97
14) Carbon disulfide	2.792	76	83580	5.005	ug/L	99
15) Methyl Acetate	2.962	43	8771	4.869	ug/L	95
16) Methylene chloride	3.042	84	26811	4.848	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	60453	4.935	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	27301	5.032	ug/L	98
19) 1,1-Dichloroethane	3.862	63	50073	4.997	ug/L	97
21) 2-Butanone	4.718	43	52402	47.719	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	29776	5.105	ug/L	100
23) Bromochloromethane	4.968	128	11630	4.963	ug/L	91
25) Chloroform	5.081	83	51908	4.883	ug/L	97

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Quant Time: Jan 24 00:53:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	31816	5.137	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	47587	5.116	ug/L	99
30) Cyclohexane	5.383	56	46053	5.132	ug/L	99
31) Carbon tetrachloride	5.518	117	42790	5.215	ug/L	100
33) Benzene	5.769	78	112211	5.163	ug/L	100
34) Trichloroethene	6.537	95	31018	5.176	ug/L	98
35) Methylcyclohexane	6.759	83	50792	5.247	ug/L	98
37) 1,2-Dichloropropane	6.785	63	28229	5.192	ug/L	100
38) Bromodichloromethane	7.100	83	37390	5.110	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	44200	5.230	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	134105	51.685	ug/L	100
42) Toluene	7.965	91	121890	5.201	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	35996	5.242	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	18315	5.178	ug/L	98
47) Tetrachloroethene	8.547	164	22338	5.073	ug/L	98
48) 2-Hexanone	8.679	43	95367	52.380	ug/L	96
49) Dibromochloromethane	8.804	129	23605	5.154	ug/L	100
50) 1,2-Dibromoethane	8.920	107	17351	5.055	ug/L	97
51) Chlorobenzene	9.441	112	77388	5.265	ug/L	98
52) Ethylbenzene	9.563	91	138706	5.253	ug/L	100
53) m,p-Xylene	9.688	106	50592	5.192	ug/L	95
54) o-Xylene	10.094	106	49627	5.225	ug/L	99
55) Styrene	10.110	104	76793	5.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22055	5.140	ug/L	99
59) Bromoform	10.286	173	12943	5.155	ug/L	97
60) Isopropylbenzene	10.479	105	123744	5.110	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	15626	5.037	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	113251	5.247	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	114427	5.298	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57144	5.169	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56211	5.313	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50716	5.142	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3384	5.795	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	44666	5.505	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35266	5.933	ug/L	98
71) Naphthalene	14.081	128	53539	6.363	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	27954	6.042	ug/L	98

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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