Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
Data File : VU057611.D
Acq On : 24 Jan 2024 09:55
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Quant Time: Jan 25 01:50:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 24 01:55:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	62430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17123	4.978	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.914	69	13999	4.857	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.566	65	8046	4.975	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.400%			
20) 2-Butanone-d5	4.640	46	34928	53.827	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.660%			
24) Chloroform-d	5.058	84	36276	5.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
26) 1,2-Dichloroethane-d4	5.695	65	16683	5.258	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	5.724	84	68691	5.150	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
36) 1,2-Dichloropropane-d6	6.685	67	21286	5.291	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	7.894	98	64350	5.082	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	8.177	79	8254	5.147	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.630	63	26255	51.318	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.640%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14432	5.351	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	20170	5.301	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	27916	5.277	ug/L	100
3) Chloromethane	1.518	50	26956	5.093	ug/L	99
5) Vinyl chloride	1.602	62	29810	5.291	ug/L	100
6) Bromomethane	1.856	94	15689	5.341	ug/L	96
8) Chloroethane	1.933	64	17792	5.273	ug/L	94
9) Trichlorofluoromethane	2.139	101	46120	5.496	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	25906	5.311	ug/L	99
12) 1,1-Dichloroethene	2.579	96	23319	5.140	ug/L	97
13) Acetone	2.663	43	30077	48.778	ug/L	98
14) Carbon disulfide	2.792	76	75871	5.158	ug/L	100
15) Methyl Acetate	2.959	43	8147	5.135	ug/L	95
16) Methylene chloride	3.042	84	24806	5.093	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	56663	5.252	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	25459	5.327	ug/L	97
19) 1,1-Dichloroethane	3.862	63	46711	5.293	ug/L	98
21) 2-Butanone	4.717	43	47322	48.927	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	27504	5.353	ug/L	99
23) Bromochloromethane	4.968	128	11030	5.344	ug/L	99
25) Chloroform	5.081	83	48251	5.153	ug/L	98

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Quant Time: Jan 25 01:50:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.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	29699	5.445	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	43946	5.265	ug/L	99
30) Cyclohexane	5.383	56	43369	5.385	ug/L	99
31) Carbon tetrachloride	5.518	117	39053	5.303	ug/L	98
33) Benzene	5.769	78	105700	5.419	ug/L	100
34) Trichloroethene	6.537	95	28711	5.339	ug/L	98
35) Methylcyclohexane	6.759	83	47379	5.454	ug/L	98
37) 1,2-Dichloropropane	6.785	63	26367	5.404	ug/L	99
38) Bromodichloromethane	7.100	83	34667	5.279	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	40134	5.292	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	121494	52.177	ug/L	100
42) Toluene	7.965	91	113079	5.377	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	32332	5.246	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	16772	5.284	ug/L	99
47) Tetrachloroethene	8.550	164	24082	6.094	ug/L	99
48) 2-Hexanone	8.682	43	86534	52.962	ug/L	99
49) Dibromochloromethane	8.804	129	21362	5.198	ug/L	99
50) 1,2-Dibromoethane	8.920	107	16202	5.260	ug/L	96
51) Chlorobenzene	9.441	112	71048	5.386	ug/L	100
52) Ethylbenzene	9.566	91	127806	5.393	ug/L	100
53) m,p-Xylene	9.688	106	46424	5.309	ug/L	93
54) o-Xylene	10.093	106	45789	5.372	ug/L	99
55) Styrene	10.110	104	69238	5.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	20342	5.282	ug/L	97
59) Bromoform	10.286	173	11674	5.300	ug/L	97
60) Isopropylbenzene	10.479	105	112874	5.313	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	14342	5.270	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	102309	5.404	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	103610	5.469	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	52402	5.404	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	50310	5.420	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	46297	5.351	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	2896	5.653	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	39190	5.506	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	28943	5.551	ug/L	99
71) Naphthalene	14.080	128	39445	5.344	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	22117	5.450	ug/L	98

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

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Acq On : 24 Jan 2024 09:55
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

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