Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
Data File : VU057544.D
Acq On : 17 Jan 2024 13:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Quant Time: Jan 18 01:05:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 05:27:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	295065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	123179	4.085	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.800%			
7) Chloroethane-d5	1.914	69	110030	4.690	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.563	65	54986	4.313	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.200%			
20) 2-Butanone-d5	4.644	46	323928	56.797	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.600%			
24) Chloroform-d	5.055	84	267882	5.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	5.695	65	133643	5.327	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.600%			
32) Benzene-d6	5.721	84	496133	4.610	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	6.685	67	160407	4.781	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.891	98	336954	3.709	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.200%			
43) trans-1,3-Dichloroprop...	8.174	79	52081	4.465	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.631	63	214097	50.690	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.380%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116196	5.127	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	109097	4.640	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	102234	5.214	ug/L	99
3) Chloromethane	1.518	50	112831	4.481	ug/L	98
5) Vinyl chloride	1.602	62	115213	5.139	ug/L	100
6) Bromomethane	1.856	94	58677	4.494	ug/L	95
8) Chloroethane	1.933	64	74191	5.307	ug/L	99
9) Trichlorofluoromethane	2.136	101	167319	5.458	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	108948	5.555	ug/L	99
12) 1,1-Dichloroethene	2.576	96	91723	5.283	ug/L	96
13) Acetone	2.676	43	175422	51.165	ug/L	96
14) Carbon disulfide	2.792	76	243637	5.022	ug/L	99
15) Methyl Acetate	2.962	43	38356	4.949	ug/L	100
16) Methylene chloride	3.042	84	113829	4.848	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	222594	5.168	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	92962	5.394	ug/L	97
19) 1,1-Dichloroethane	3.862	63	212091	5.454	ug/L	99
21) 2-Butanone	4.724	43	266544	54.958	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	107268	5.346	ug/L	94
23) Bromochloromethane	4.972	128	45860	5.324	ug/L	99
25) Chloroform	5.081	83	217564	5.395	ug/L	98

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Data File : VU057544.D
Acq On : 17 Jan 2024 13:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Quant Time: Jan 18 01:05:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 05:27:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131912	5.432	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	185517	5.096	ug/L	99
30) Cyclohexane	5.383	56	142177	4.802	ug/L	99
31) Carbon tetrachloride	5.518	117	152764	5.082	ug/L	99
33) Benzene	5.769	78	437746	5.049	ug/L	100
34) Trichloroethene	6.537	95	113837	4.999	ug/L	97
35) Methylcyclohexane	6.759	83	146978	4.854	ug/L	98
37) 1,2-Dichloropropane	6.785	63	122363	4.977	ug/L	99
38) Bromodichloromethane	7.100	83	152508	5.152	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	136483	4.199	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	482419	39.524	ug/L	98
42) Toluene	7.965	91	356119	4.168	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	121567	4.595	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	80008	5.046	ug/L	97
47) Tetrachloroethene	8.547	164	73913	4.887	ug/L	96
48) 2-Hexanone	8.682	43	470086	52.737	ug/L	98
49) Dibromochloromethane	8.804	129	88041	5.175	ug/L	99
50) 1,2-Dibromoethane	8.920	107	70447	5.392	ug/L	99
51) Chlorobenzene	9.444	112	274072	5.088	ug/L	99
52) Ethylbenzene	9.566	91	457810	5.209	ug/L	100
53) m,p-Xylene	9.688	106	168954	5.337	ug/L	99
54) o-Xylene	10.097	106	159740	5.259	ug/L	96
55) Styrene	10.110	104	265872	5.315	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	98654	5.132	ug/L	98
59) Bromoform	10.287	173	46639	6.120	ug/L	97
60) Isopropylbenzene	10.479	105	431910	6.342	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	67763	6.185	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	286914	5.344	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	270054	5.024	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	169915	5.126	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	178177	5.414	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	167291	5.449	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9375	4.461	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	103088	4.639	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	72514	4.819	ug/L	100
71) Naphthalene	14.084	128	97474	4.633	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	63014	5.114	ug/L	98

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

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Acq On : 17 Jan 2024 13:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Quant Time: Jan 18 01:05:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
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