Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056529.D
Acq On : 20 Nov 2023 16:02
Operator : MD/SY
Sample : 05455-10MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05N3MSD

Quant Time: Nov 21 00:42:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 00:36:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115594	5.787	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.800%			
7) Chloroethane-d5	1.907	69	79260	5.176	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	2.563	65	50401	5.718	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.400%			
20) 2-Butanone-d5	4.618	46	220002	55.239	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.480%			
24) Chloroform-d	5.058	84	213524	5.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.600%			
26) 1,2-Dichloroethane-d4	5.695	65	100942	5.654	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.000%			
32) Benzene-d6	5.721	84	409266	5.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
36) 1,2-Dichloropropane-d6	6.682	67	127095	5.500	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.000%			
41) Toluene-d8	7.891	98	393408	5.811	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.200%			
43) trans-1,3-Dichloroprop...	8.174	79	52395	5.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 118.200%			
46) 2-Hexanone-d5	8.627	63	199320	57.232	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.460%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90535	5.483	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	135986	5.343	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	103672	4.900	ug/L	96
3) Chloromethane	1.515	50	103633	4.793	ug/L	100
5) Vinyl chloride	1.602	62	101681	4.881	ug/L	98
6) Bromomethane	1.853	94	45638	4.328	ug/L	99
8) Chloroethane	1.930	64	56801	4.464	ug/L	99
9) Trichlorofluoromethane	2.136	101	163076	5.432	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95784	5.374	ug/L	99
12) 1,1-Dichloroethene	2.576	96	82856	5.069	ug/L	96
13) Acetone	2.628	43	111892	32.986	ug/L	95
14) Carbon disulfide	2.788	76	235337	4.424	ug/L	99
15) Methyl Acetate	2.946	43	29455	4.879	ug/L	100
16) Methylene chloride	3.039	84	96862	4.478	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	211613	5.328	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	86361	5.135	ug/L	98
19) 1,1-Dichloroethane	3.862	63	177498	5.328	ug/L	99
21) 2-Butanone	4.698	43	192879	43.820	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	101279	5.310	ug/L	97
23) Bromochloromethane	4.972	128	43599	5.553	ug/L	97
25) Chloroform	5.081	83	293050	8.119	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056529.D
Acq On : 20 Nov 2023 16:02
Operator : MD/SY
Sample : 05455-10MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05N3MSD

Quant Time: Nov 21 00:42:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 00:36:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	112527	5.491	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	163547	5.537	ug/L	99
30) Cyclohexane	5.383	56	134751	4.806	ug/L	98
31) Carbon tetrachloride	5.518	117	139788	5.510	ug/L	98
33) Benzene	5.769	78	386401	5.263	ug/L	100
34) Trichloroethene	6.537	95	107374	5.367	ug/L	95
35) Methylcyclohexane	6.759	83	148860	5.154	ug/L	99
37) 1,2-Dichloropropane	6.785	63	104807	5.473	ug/L	100
38) Bromodichloromethane	7.100	83	206669	8.361	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	154142	5.478	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	534615	56.324	ug/L	99
42) Toluene	7.965	91	427228	5.620	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128585	5.733	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	71544	5.610	ug/L	97
47) Tetrachloroethene	8.547	164	70924	5.257	ug/L	99
48) 2-Hexanone	8.679	43	358348	48.461	ug/L	99
49) Dibromochloromethane	8.804	129	148168	10.217	ug/L	98
50) 1,2-Dibromoethane	8.917	107	64785	5.381	ug/L	98
51) Chlorobenzene	9.441	112	261450	5.353	ug/L	99
52) Ethylbenzene	9.566	91	453232	5.369	ug/L	100
53) m,p-Xylene	9.688	106	172132	5.547	ug/L	99
54) o-Xylene	10.097	106	165341	5.485	ug/L	99
55) Styrene	10.110	104	265044	5.286	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	87946	5.648	ug/L	96
59) Bromoform	10.283	173	93812	10.932	ug/L	98
60) Isopropylbenzene	10.479	105	454700	5.118	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57893	4.898	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	365872	5.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	386091	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	215717	5.338	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	212033	5.230	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	204171	5.507	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	12459	4.935	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	161370	5.303	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	128499	5.185	ug/L	99
71) Naphthalene	14.081	128	190310	5.082	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	108155	5.298	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056529.D
Acq On : 20 Nov 2023 16:02
Operator : MD/SY
Sample : 05455-10MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05N3MSD

Quant Time: Nov 21 00:42:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 00:36:07 2023
Response via : Initial Calibration