Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055477.D
Acq On : 22 Sep 2023 22:18
Operator : MD/SY
Sample : 04579-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

Quant Time: Sep 25 01:15:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 25 01:08:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	311858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	178732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	104785	3.381	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.600%			
7) Chloroethane-d5	1.911	69	103478	3.789	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.563	65	47179	3.698	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.000%			
20) 2-Butanone-d5	4.627	46	305858	54.640	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.280%			
24) Chloroform-d	5.058	84	268748	4.794	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.698	65	127984	4.746	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.724	84	492386	4.514	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.685	67	154465	4.739	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.894	98	438091	4.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	8.177	79	56046	4.900	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.630	63	182556	52.474	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.940%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131950	5.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	166807	4.624	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	138531	4.640	ug/L	100
3) Chloromethane	1.515	50	124473	4.740	ug/L	98
5) Vinyl chloride	1.602	62	139062	4.908	ug/L	99
6) Bromomethane	1.856	94	63837	3.547	ug/L	98
8) Chloroethane	1.933	64	92864	5.023	ug/L	97
9) Trichlorofluoromethane	2.136	101	193295	4.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	114954	4.808	ug/L	98
12) 1,1-Dichloroethene	2.576	96	106477	4.967	ug/L	92
13) Acetone	2.640	43	146689	45.972	ug/L	98
14) Carbon disulfide	2.791	76	330460	5.128	ug/L	100
15) Methyl Acetate	2.952	43	32094	4.412	ug/L	98
16) Methylene chloride	3.039	84	115252	4.487	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	237414	5.105	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	109940	5.088	ug/L	100
19) 1,1-Dichloroethane	3.865	63	204134	5.108	ug/L	99
21) 2-Butanone	4.708	43	237279	50.701	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	122366	4.884	ug/L	97
23) Bromochloromethane	4.968	128	53426	5.045	ug/L	97
25) Chloroform	5.084	83	215960	5.104	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055477.D
Acq On : 22 Sep 2023 22:18
Operator : MD/SY
Sample : 04579-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

Quant Time: Sep 25 01:15:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 25 01:08:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	385299	14.848	ug/L		99
29) 1,1,1-Trichloroethane	5.312	97	189667	5.335	ug/L		97
30) Cyclohexane	5.386	56	164454	5.053	ug/L		99
31) Carbon tetrachloride	5.521	117	161054	5.285	ug/L		98
33) Benzene	5.769	78	470842	5.246	ug/L		100
34) Trichloroethene	6.541	95	126201	4.971	ug/L		98
35) Methylcyclohexane	6.759	83	180858	4.945	ug/L		99
37) 1,2-Dichloropropane	6.788	63	116839	4.977	ug/L		98
38) Bromodichloromethane	7.103	83	147332	5.356	ug/L		97
39) cis-1,3-Dichloropropene	7.605	75	164010	5.235	ug/L		99
40) 4-Methyl-2-pentanone	7.788	43	559587	52.551	ug/L		98
42) Toluene	7.965	91	504488	5.269	ug/L		99
44) trans-1,3-Dichloropropene	8.209	75	132403	5.282	ug/L		100
45) 1,1,2-Trichloroethane	8.396	97	83112	5.050	ug/L		98
47) Tetrachloroethene	8.550	164	94878	5.209	ug/L		99
48) 2-Hexanone	8.682	43	439922	53.307	ug/L		98
49) Dibromochloromethane	8.807	129	91252	5.289	ug/L		98
50) 1,2-Dibromoethane	8.920	107	81268	5.320	ug/L	#	99
51) Chlorobenzene	9.444	112	314780	5.133	ug/L		97
52) Ethylbenzene	9.566	91	536985	5.232	ug/L		98
53) m,p-Xylene	9.692	106	200789	5.220	ug/L		94
54) o-Xylene	10.097	106	199409	5.332	ug/L		96
55) Styrene	10.113	104	329415	5.448	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.778	83	99822	5.372	ug/L		99
59) Bromoform	10.290	173	49301	5.146	ug/L		98
60) Isopropylbenzene	10.483	105	533012	5.174	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	72509	5.197	ug/L		98
62) 1,3,5-Trimethylbenzene	11.087	105	426617	5.179	ug/L		99
63) 1,2,4-Trimethylbenzene	11.466	105	416569	5.166	ug/L		100
64) 1,3-Dichlorobenzene	11.743	146	253352	5.137	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	253949	5.152	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	235287	5.204	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.990	75	13355	5.522	ug/L		88
69) 1,3,5-Trichlorobenzene	13.216	180	170589	5.023	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	134995	5.214	ug/L		99
71) Naphthalene	14.084	128	197212	5.261	ug/L		99
72) 1,2,3-Trichlorobenzene	14.328	180	118055	5.240	ug/L		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055477.D
Acq On : 22 Sep 2023 22:18
Operator : MD/SY
Sample : 04579-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

Quant Time: Sep 25 01:15:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 25 01:08:17 2023
Response via : Initial Calibration