Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051934.D
Acq On : 19 Nov 2022 05:22
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Quant Time: Nov 19 06:05:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	123274	5.042	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.800%			
7) Chloroethane-d5	1.906	69	98052	5.163	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.200%			
11) 1,1-Dichloroethene-d2	2.565	65	43299	4.941	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.800%			
20) 2-Butanone-d5	4.616	46	223451	50.421	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.840%			
24) Chloroform-d	5.060	84	185770	5.171	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	5.700	65	91798	5.059	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.722	84	397426	5.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	6.687	67	122784	5.227	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.896	98	368725	5.369	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
43) trans-1,3-Dichloroprop...	8.176	79	42348	4.947	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.000%			
46) 2-Hexanone-d5	8.629	63	191139	52.692	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.380%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105267	5.169	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	123474	5.078	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	102390	4.697	ug/L	99
3) Chloromethane	1.527	50	141799	4.984	ug/L	99
5) Vinyl chloride	1.604	62	137361	5.025	ug/L	98
6) Bromomethane	1.845	94	73033	5.207	ug/L	99
8) Chloroethane	1.928	64	82148	4.833	ug/L	97
9) Trichlorofluoromethane	2.134	101	143744	4.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	84064	4.572	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87870	4.819	ug/L	94
13) Acetone	2.620	43	139342	46.303	ug/L	99
14) Carbon disulfide	2.790	76	299219	4.740	ug/L	98
15) Methyl Acetate	2.948	43	36691	4.701	ug/L	99
16) Methylene chloride	3.044	84	123221	4.995	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	201255	4.930	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	97204	4.973	ug/L	98
19) 1,1-Dichloroethane	3.867	63	177876	5.049	ug/L	99
21) 2-Butanone	4.694	43	234173	48.550	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	107271	5.229	ug/L	96
23) Bromochloromethane	4.973	128	49811	5.075	ug/L	95
25) Chloroform	5.086	83	185023	5.183	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051934.D
Acq On : 19 Nov 2022 05:22
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Quant Time: Nov 19 06:05:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111180	5.085	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	139494	4.918	ug/L	99
30) Cyclohexane	5.388	56	130081	4.723	ug/L	97
31) Carbon tetrachloride	5.523	117	114351	4.745	ug/L	99
33) Benzene	5.771	78	424530	5.102	ug/L	100
34) Trichloroethene	6.539	95	99383	4.789	ug/L	98
35) Methylcyclohexane	6.761	83	134616	4.509	ug/L	99
37) 1,2-Dichloropropane	6.787	63	108393	5.032	ug/L	100
38) Bromodichloromethane	7.102	83	127371	4.850	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	133793	4.837	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	578175	51.381	ug/L	100
42) Toluene	7.967	91	451106	5.271	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	113095	4.775	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79305	4.899	ug/L	99
47) Tetrachloroethene	8.552	164	76573	4.815	ug/L	95
48) 2-Hexanone	8.681	43	427182	51.783	ug/L	99
49) Dibromochloromethane	8.806	129	89336	4.927	ug/L	96
50) 1,2-Dibromoethane	8.922	107	73064	4.955	ug/L	99
51) Chlorobenzene	9.443	112	274639	5.033	ug/L	99
52) Ethylbenzene	9.568	91	427987	5.144	ug/L	99
53) m,p-Xylene	9.693	106	171076	5.310	ug/L	98
54) o-Xylene	10.099	106	167501	5.424	ug/L	100
55) Styrene	10.111	104	286211	5.488	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103606	5.124	ug/L	98
59) Bromoform	10.288	173	50701	4.847	ug/L	98
60) Isopropylbenzene	10.481	105	417846	5.238	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	72124	4.962	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	325948	5.111	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	334829	5.290	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209735	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	202130	4.976	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	201836	5.146	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14702	4.622	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	138157	4.783	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	104713	4.761	ug/L	99
71) Naphthalene	14.085	128	197199	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	105545	4.877	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051934.D
Acq On : 19 Nov 2022 05:22
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Quant Time: Nov 19 06:05:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration