Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
Data File : VU047303.D
Acq On : 02 Mar 2022 19:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Quant Time: Mar 02 23:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 02 23:54:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	134183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48789	4.305	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.200%			
7) Chloroethane-d5	1.919	69	39022	4.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.572	65	20676	4.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	4.649	46	140985	52.049	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.100%			
24) Chloroform-d	5.067	84	89914	4.776	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	5.706	65	47228	4.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.729	84	176397	4.583	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
36) 1,2-Dichloropropane-d6	6.694	67	55443	4.527	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.600%			
41) Toluene-d8	7.899	98	167287	4.443	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	8.182	79	24243	4.367	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.400%			
46) 2-Hexanone-d5	8.636	63	129773	44.397	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.800%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54422	4.889	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	71954	4.811	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	43860	3.865	ug/L	100
3) Chloromethane	1.527	50	56877	4.621	ug/L	99
5) Vinyl chloride	1.607	62	56269	4.526	ug/L	100
6) Bromomethane	1.861	94	25990	3.556	ug/L	99
8) Chloroethane	1.938	64	34753	4.847	ug/L	96
9) Trichlorofluoromethane	2.144	101	69702	4.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36093	3.949	ug/L	93
12) 1,1-Dichloroethene	2.584	96	42641	4.829	ug/L	85
13) Acetone	2.668	43	83839	61.826	ug/L	94
14) Carbon disulfide	2.800	76	119229	4.048	ug/L	99
15) Methyl Acetate	2.964	43	20069	4.781	ug/L	95
16) Methylene chloride	3.051	84	52611	5.348	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	127342	5.277	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45469	4.765	ug/L	93
19) 1,1-Dichloroethane	3.877	63	86276	5.172	ug/L	99
21) 2-Butanone	4.726	43	147857	58.060	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	54049	5.204	ug/L	95
23) Bromochloromethane	4.980	128	27034	5.552	ug/L	88
25) Chloroform	5.092	83	93772	5.369	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
Data File : VU047303.D
Acq On : 02 Mar 2022 19:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Quant Time: Mar 02 23:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 02 23:54:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63143	5.408	ug/L		99
29) 1,1,1-Trichloroethane	5.321	97	77573	5.201	ug/L		98
30) Cyclohexane	5.391	56	64691	3.974	ug/L		97
31) Carbon tetrachloride	5.530	117	64182	4.942	ug/L		98
33) Benzene	5.777	78	202333	5.170	ug/L		100
34) Trichloroethene	6.546	95	49752	4.766	ug/L		94
35) Methylcyclohexane	6.764	83	60884	3.456	ug/L		94
37) 1,2-Dichloropropane	6.793	63	51475	5.088	ug/L		100
38) Bromodichloromethane	7.108	83	67717	5.239	ug/L		97
39) cis-1,3-Dichloropropene	7.610	75	76733	4.877	ug/L		100
40) 4-Methyl-2-pentanone	7.793	43	371759	51.498	ug/L		98
42) Toluene	7.970	91	210058	4.822	ug/L		97
44) trans-1,3-Dichloropropene	8.211	75	69108	4.876	ug/L		97
45) 1,1,2-Trichloroethane	8.401	97	43602	5.550	ug/L		97
47) Tetrachloroethene	8.555	164	35107	4.144	ug/L		92
48) 2-Hexanone	8.687	43	272448	50.761	ug/L		99
49) Dibromochloromethane	8.812	129	51550	5.447	ug/L		99
50) 1,2-Dibromoethane	8.925	107	43107	5.440	ug/L	#	98
51) Chlorobenzene	9.446	112	138214	4.914	ug/L		96
52) Ethylbenzene	9.571	91	214307	4.489	ug/L		99
53) m,p-Xylene	9.693	106	81894	4.369	ug/L		100
54) o-Xylene	10.102	106	84533	4.631	ug/L		96
55) Styrene	10.115	104	145703	4.771	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.783	83	58808	5.656	ug/L		97
59) Bromoform	10.291	173	32907	5.420	ug/L	#	97
60) Isopropylbenzene	10.484	105	213178	4.358	ug/L		98
61) 1,2,3-Trichloropropane	10.825	75	41440	5.206	ug/L		98
62) 1,3,5-Trimethylbenzene	11.089	105	135255	4.142	ug/L		97
63) 1,2,4-Trimethylbenzene	11.468	105	176159	4.190	ug/L		98
64) 1,3-Dichlorobenzene	11.745	146	106078	4.497	ug/L		97
65) 1,4-Dichlorobenzene	11.835	146	107137	4.489	ug/L		96
67) 1,2-Dichlorobenzene	12.211	146	110392	4.913	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.996	75	9762	5.309	ug/L	#	79
69) 1,3,5-Trichlorobenzene	13.217	180	77189	3.960	ug/L		97
70) 1,2,4-trichlorobenzene	13.841	180	73337	4.042	ug/L		98
71) Naphthalene	14.086	128	170942	4.565	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	75507	4.425	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
Data File : VU047303.D
Acq On : 02 Mar 2022 19:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Quant Time: Mar 02 23:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 02 23:54:47 2022
Response via : Initial Calibration