Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050022.D
Acq On : 29 Jul 2022 06:43
Operator : SY/MD
Sample : N3890-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YBEA3MSD

Quant Time: Jul 29 07:30:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31541	4.107	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.909	69	26116	4.735	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.565	65	11597	4.382	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.600%			
20) 2-Butanone-d5	4.633	46	100656	58.881	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.760%			
24) Chloroform-d	5.063	84	65437	5.149	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.703	65	32945	5.145	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.729	84	124068	4.716	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
36) 1,2-Dichloropropane-d6	6.690	67	42618	4.945	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.899	98	111320	4.761	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.179	79	13536	4.481	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.636	63	58511	51.746	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.500%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39370	5.437	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	37287	4.843	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31856	4.615	ug/L	97
3) Chloromethane	1.520	50	40597	4.963	ug/L	98
5) Vinyl chloride	1.600	62	38219	4.971	ug/L	99
6) Bromomethane	1.855	94	21618	5.080	ug/L	96
8) Chloroethane	1.932	64	23156	5.312	ug/L	97
9) Trichlorofluoromethane	2.134	101	48074	5.309	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	25504	4.784	ug/L	99
12) 1,1-Dichloroethene	2.578	96	47578	9.638	ug/L	85
13) Acetone	2.642	43	60718	50.532	ug/L	98
14) Carbon disulfide	2.790	76	68963	4.599	ug/L	100
15) Methyl Acetate	2.957	43	9820	3.939	ug/L	97
16) Methylene chloride	3.044	84	35853	4.724	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	77075	5.585	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	29012	5.347	ug/L	97
19) 1,1-Dichloroethane	3.867	63	63442	5.700	ug/L	95
21) 2-Butanone	4.713	43	102259	59.088	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	39462	6.085	ug/L	98
23) Bromochloromethane	4.977	128	16893	5.688	ug/L	99
25) Chloroform	5.089	83	72901	5.844	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050022.D
Acq On : 29 Jul 2022 06:43
Operator : SY/MD
Sample : N3890-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YBEA3MSD

Quant Time: Jul 29 07:30:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	41389	5.946	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	48753	5.157	ug/L	99
30) Cyclohexane	5.388	56	37797	4.737	ug/L	97
31) Carbon tetrachloride	5.526	117	39937	5.201	ug/L	99
33) Benzene	5.774	78	136844	5.267	ug/L	100
34) Trichloroethene	6.542	95	520785	82.455	ug/L	97
35) Methylcyclohexane	6.764	83	39410	4.731	ug/L	98
37) 1,2-Dichloropropane	6.793	63	38233	5.339	ug/L	100
38) Bromodichloromethane	7.105	83	47704	5.506	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	43051	4.646	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	240865	58.214	ug/L	100
42) Toluene	7.970	91	141438	5.353	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	36342	4.670	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	29635	5.539	ug/L	99
47) Tetrachloroethene	8.552	164	96070	21.135	ug/L	96
48) 2-Hexanone	8.684	43	191683	60.774	ug/L	98
49) Dibromochloromethane	8.809	129	32029	5.470	ug/L	96
50) 1,2-Dibromoethane	8.925	107	25911	5.454	ug/L	87
51) Chlorobenzene	9.446	112	88278	5.263	ug/L	98
52) Ethylbenzene	9.571	91	130599	5.046	ug/L	99
53) m,p-Xylene	9.693	106	50022	5.076	ug/L	100
54) o-Xylene	10.099	106	51024	5.340	ug/L	99
55) Styrene	10.115	104	74857	4.599	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	39425	5.661	ug/L	100
59) Bromoform	10.291	173	18487	5.541	ug/L	99
60) Isopropylbenzene	10.484	105	125459	5.116	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27497	5.704	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	98274	4.933	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	97658	5.058	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	60185	5.126	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	60310	5.191	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	62342	5.344	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5573	5.853	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	42162	4.980	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	33580	4.973	ug/L	98
71) Naphthalene	14.086	128	67767	5.061	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	35132	5.242	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050022.D
Acq On : 29 Jul 2022 06:43
Operator : SY/MD
Sample : N3890-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YBEA3MSD

Quant Time: Jul 29 07:30:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration