Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
Data File : VU049078.D
Acq On : 12 Jun 2022 01:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005109

Quant Time: Jun 13 01:53:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 01:35:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	147250	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	142251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35063	5.384	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.600%			
7) Chloroethane-d5	1.913	69	40169	5.656	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.200%			
11) 1,1-Dichloroethene-d2	2.568	65	17602	5.177	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.600%			
20) 2-Butanone-d5	4.633	46	151721	46.790	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.580%			
24) Chloroform-d	5.064	84	116144	5.518	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
26) 1,2-Dichloroethane-d4	5.703	65	62869	5.397	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	5.729	84	205854	5.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.800%			
36) 1,2-Dichloropropane-d6	6.690	67	69183	5.315	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.400%			
41) Toluene-d8	7.899	98	169673	5.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
43) trans-1,3-Dichloroprop...	8.182	79	21788	4.982	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.600%			
46) 2-Hexanone-d5	8.636	63	130172	54.339	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.680%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	62582	5.467	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	70731	5.067	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	89735	5.396	ug/L	98
3) Chloromethane	1.520	50	78802	5.513	ug/L	100
5) Vinyl chloride	1.604	62	75676	5.738	ug/L	97
6) Bromomethane	1.858	94	40368	5.304	ug/L	97
8) Chloroethane	1.935	64	39245	5.567	ug/L	99
9) Trichlorofluoromethane	2.141	101	102826	5.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53801	5.751	ug/L	99
12) 1,1-Dichloroethene	2.581	96	52472	5.760	ug/L	94
13) Acetone	2.642	43	69882	41.636	ug/L	97
14) Carbon disulfide	2.793	76	173114	5.522	ug/L	99
15) Methyl Acetate	2.954	43	18785	4.343	ug/L	95
16) Methylene chloride	3.047	84	59747	5.336	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	124451	5.092	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	55242	5.563	ug/L	98
19) 1,1-Dichloroethane	3.871	63	105372	5.537	ug/L	99
21) 2-Butanone	4.710	43	122079	41.656	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	59411	5.054	ug/L	96
23) Bromochloromethane	4.977	128	28122	5.526	ug/L	97
25) Chloroform	5.089	83	109447	5.437	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	71105	5.284	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	100161	5.504	ug/L	99
30) Cyclohexane	5.388	56	84361	5.326	ug/L	97
31) Carbon tetrachloride	5.527	117	88566	5.483	ug/L	100
33) Benzene	5.774	78	233250	5.472	ug/L	100
34) Trichloroethene	6.543	95	59198	5.376	ug/L	94
35) Methylcyclohexane	6.764	83	86129	5.167	ug/L	97
37) 1,2-Dichloropropane	6.790	63	60212	5.400	ug/L	99
38) Bromodichloromethane	7.105	83	79392	5.313	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	77632	5.085	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	368144	51.872	ug/L	100
42) Toluene	7.970	91	240494	5.555	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	69465	5.059	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	43191	5.454	ug/L	95
47) Tetrachloroethene	8.555	164	46523	5.315	ug/L	96
48) 2-Hexanone	8.684	43	284863	54.037	ug/L	99
49) Dibromochloromethane	8.809	129	54146	5.369	ug/L	97
50) 1,2-Dibromoethane	8.925	107	41337	5.303	ug/L	97
51) Chlorobenzene	9.446	112	150757	5.286	ug/L	99
52) Ethylbenzene	9.571	91	244199	5.493	ug/L	99
53) m,p-Xylene	9.694	106	100211	5.521	ug/L	98
54) o-Xylene	10.102	106	98497	5.645	ug/L	88
55) Styrene	10.115	104	166985	5.725	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	53493	5.201	ug/L	99
59) Bromoform	10.292	173	32985	5.334	ug/L	99
60) Isopropylbenzene	10.485	105	246273	5.308	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	40492	4.979	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	191299	4.926	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	199539	5.145	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	118820	5.145	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	116747	5.197	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	115655	5.197	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	10141	5.253	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	86740	5.021	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	64732	4.748	ug/L	99
71) Naphthalene	14.086	128	98167	3.686	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	62669	4.823	ug/L	96

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

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