Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051956.D
Acq On : 19 Nov 2022 15:41
Operator : JC/MD
Sample : N5693-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

Quant Time: Nov 19 21:45:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227021	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	231830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	109369	4.953	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.000%			
7) Chloroethane-d5	1.912	69	89218	5.202	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.000%			
11) 1,1-Dichloroethene-d2	2.568	65	39918	5.043	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.800%			
20) 2-Butanone-d5	4.616	46	215894	53.937	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.880%			
24) Chloroform-d	5.063	84	179203	5.523	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
26) 1,2-Dichloroethane-d4	5.700	65	88239	5.384	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
32) Benzene-d6	5.726	84	367656	5.342	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
36) 1,2-Dichloropropane-d6	6.687	67	113538	5.330	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.600%			
41) Toluene-d8	7.896	98	333417	5.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
43) trans-1,3-Dichloroprop...	8.179	79	39081	5.035	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.600%			
46) 2-Hexanone-d5	8.629	63	178684	54.321	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.640%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100701	5.453	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	114253	5.250	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	100936	5.126	ug/L	100
3) Chloromethane	1.526	50	135909	5.289	ug/L	99
5) Vinyl chloride	1.604	62	132454	5.365	ug/L	98
6) Bromomethane	1.851	94	69011	5.447	ug/L	100
8) Chloroethane	1.932	64	79258	5.162	ug/L	94
9) Trichlorofluoromethane	2.137	101	143701	5.291	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82567	4.972	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87251	5.298	ug/L	97
13) Acetone	2.620	43	413068	151.971	ug/L	99
14) Carbon disulfide	2.793	76	290388	5.094	ug/L	99
15) Methyl Acetate	2.948	43	27879	3.954	ug/L	99
16) Methylene chloride	3.044	84	144744	6.497	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	192368	5.218	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102145	5.786	ug/L	97
19) 1,1-Dichloroethane	3.867	63	171160	5.379	ug/L	100
21) 2-Butanone	4.697	43	234664	53.866	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	596358	32.188	ug/L	98
23) Bromochloromethane	4.973	128	49197	5.550	ug/L	95
25) Chloroform	5.086	83	200341	6.214	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111276	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	137614	5.350	ug/L	99
30) Cyclohexane	5.388	56	125744	5.035	ug/L	98
31) Carbon tetrachloride	5.523	117	113453	5.191	ug/L	100
33) Benzene	5.771	78	415407	5.506	ug/L	100
34) Trichloroethene	6.539	95	3161752	168.014	ug/L	99
35) Methylcyclohexane	6.761	83	138449	5.114	ug/L	98
37) 1,2-Dichloropropane	6.790	63	102917	5.268	ug/L	100
38) Bromodichloromethane	7.102	83	131374	5.516	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	125355	4.998	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	556635	54.550	ug/L	100
42) Toluene	7.967	91	431500	5.560	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	107925	5.025	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79599	5.422	ug/L	97
47) Tetrachloroethene	8.549	164	79663	5.524	ug/L	93
48) 2-Hexanone	8.681	43	420818	56.253	ug/L	100
49) Dibromochloromethane	8.806	129	86166	5.241	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72183	5.398	ug/L	99
51) Chlorobenzene	9.446	112	260982	5.274	ug/L	99
52) Ethylbenzene	9.568	91	396342	5.253	ug/L	100
53) m,p-Xylene	9.693	106	158266	5.417	ug/L	98
54) o-Xylene	10.098	106	156793	5.599	ug/L	100
55) Styrene	10.111	104	259229	5.481	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	101796	5.552	ug/L	99
59) Bromoform	10.288	173	49055	5.240	ug/L	97
60) Isopropylbenzene	10.481	105	387152	5.422	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	69732	5.360	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	291512	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	293440	5.179	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	192791	5.288	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	186353	5.125	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	185792	5.292	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13586	4.772	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	121038	4.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	88252	4.483	ug/L	100
71) Naphthalene	14.082	128	156874	4.244	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	89129	4.602	ug/L	98

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

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