Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
Data File : VU052600.D
Acq On : 28 Dec 2022 20:13
Operator : JC/MD
Sample : N6216-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

Quant Time: Dec 29 00:29:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	169808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	163351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46787	2.720	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.400%			
7) Chloroethane-d5	1.915	69	50971	3.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.800%			
11) 1,1-Dichloroethene-d2	2.568	65	23097	3.120	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.400%			
20) 2-Butanone-d5	4.642	46	332122	62.256	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.520%			
24) Chloroform-d	5.060	84	128813	4.438	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.800%			
26) 1,2-Dichloroethane-d4	5.700	65	77379	4.596	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.726	84	232628	4.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
36) 1,2-Dichloropropane-d6	6.687	67	87092	4.518	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.400%			
41) Toluene-d8	7.893	98	197397	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	8.176	79	31129	4.715	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.400%			
46) 2-Hexanone-d5	8.632	63	243510	67.422	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 134.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87686	5.357	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.200%			
66) 1,2-Dichlorobenzene-d4	12.188	152	78071	4.435	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	69223	4.581	ug/L	100
3) Chloromethane	1.523	50	109780	5.034	ug/L	99
5) Vinyl chloride	1.604	62	93963	4.753	ug/L	95
6) Bromomethane	1.861	94	40300	3.576	ug/L	98
8) Chloroethane	1.935	64	61136	4.515	ug/L	99
9) Trichlorofluoromethane	2.141	101	109853	4.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	64515	4.855	ug/L	99
12) 1,1-Dichloroethene	2.581	96	60557	4.762	ug/L	87
13) Acetone	2.665	43	191164	48.608	ug/L	99
14) Carbon disulfide	2.793	76	188869	4.609	ug/L	98
15) Methyl Acetate	2.960	43	47408	5.472	ug/L	99
16) Methylene chloride	3.044	84	77737	4.327	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	176780	5.207	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	64355	4.910	ug/L	98
19) 1,1-Dichloroethane	3.867	63	141916	4.979	ug/L	98
21) 2-Butanone	4.722	43	323418	55.838	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	73616	5.118	ug/L	99
23) Bromochloromethane	4.973	128	34244	5.137	ug/L	99
25) Chloroform	5.083	83	140066	5.072	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.790	62	99943	5.238	ug/L		100
29) 1,1,1-Trichloroethane	5.314	97	106528	5.181	ug/L		98
30) Cyclohexane	5.388	56	112397	5.059	ug/L		100
31) Carbon tetrachloride	5.523	117	88913	4.921	ug/L		100
33) Benzene	5.771	78	300016	5.099	ug/L		100
34) Trichloroethene	6.539	95	67604	4.915	ug/L		99
35) Methylcyclohexane	6.761	83	102306	4.932	ug/L		98
37) 1,2-Dichloropropane	6.787	63	86131	5.246	ug/L		100
38) Bromodichloromethane	7.102	83	99860	4.997	ug/L		99
39) cis-1,3-Dichloropropene	7.603	75	107485	5.169	ug/L		100
40) 4-Methyl-2-pentanone	7.790	43	736414	61.379	ug/L		99
42) Toluene	7.963	91	299069	5.301	ug/L		99
44) trans-1,3-Dichloropropene	8.205	75	99828	5.448	ug/L		100
45) 1,1,2-Trichloroethane	8.394	97	61115	5.256	ug/L		98
47) Tetrachloroethene	8.549	164	48590	5.061	ug/L		96
48) 2-Hexanone	8.680	43	550942	60.920	ug/L		99
49) Dibromochloromethane	8.806	129	66496	5.400	ug/L		99
50) 1,2-Dibromoethane	8.918	107	57235	5.415	ug/L		99
51) Chlorobenzene	9.443	112	180384	5.007	ug/L		99
52) Ethylbenzene	9.565	91	298702	5.116	ug/L		100
53) m,p-Xylene	9.690	106	114577	5.322	ug/L		97
54) o-Xylene	10.095	106	111173	5.387	ug/L		96
55) Styrene	10.108	104	194064	5.405	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.777	83	87580	5.448	ug/L	#	99
59) Bromoform	10.285	173	39924	5.255	ug/L		97
60) Isopropylbenzene	10.481	105	288361	5.145	ug/L		99
61) 1,2,3-Trichloropropane	10.819	75	64715	5.218	ug/L		99
62) 1,3,5-Trimethylbenzene	11.086	105	227162	4.915	ug/L		100
63) 1,2,4-Trimethylbenzene	11.465	105	233891	5.026	ug/L		99
64) 1,3-Dichlorobenzene	11.741	146	136423	4.906	ug/L		96
65) 1,4-Dichlorobenzene	11.831	146	139001	4.834	ug/L		98
67) 1,2-Dichlorobenzene	12.208	146	134194	4.884	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.989	75	14700	5.236	ug/L		98
69) 1,3,5-Trichlorobenzene	13.214	180	96159	4.696	ug/L		99
70) 1,2,4-trichlorobenzene	13.835	180	80405	4.667	ug/L		99
71) Naphthalene	14.082	128	178141	5.110	ug/L		99
72) 1,2,3-Trichlorobenzene	14.323	180	83416	4.830	ug/L		98

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

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