Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052519.D
Acq On : 23 Dec 2022 02:23
Operator : JC/MD
Sample : N6169-08MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

Quant Time: Dec 23 06:44:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	106740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79653	3.558	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.200%			
7) Chloroethane-d5	1.916	69	77060	3.991	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.568	65	35499	3.685	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.636	46	383872	55.289	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.580%			
24) Chloroform-d	5.060	84	161752	4.282	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.700	65	96229	4.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
32) Benzene-d6	5.722	84	330219	4.650	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.687	67	113877	4.658	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.893	98	287064	4.815	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
43) trans-1,3-Dichloroprop...	8.176	79	42438	5.070	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.400%			
46) 2-Hexanone-d5	8.629	63	294996	64.415	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.820%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105390	5.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	12.188	152	107250	4.935	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	87878	4.469	ug/L	98
3) Chloromethane	1.520	50	124300	4.379	ug/L	99
5) Vinyl chloride	1.604	62	122538	4.762	ug/L	96
6) Bromomethane	1.858	94	56796	3.872	ug/L	98
8) Chloroethane	1.935	64	74390	4.221	ug/L	98
9) Trichlorofluoromethane	2.141	101	131934	4.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	78869	4.561	ug/L	98
12) 1,1-Dichloroethene	2.581	96	77062	4.656	ug/L	92
13) Acetone	2.655	43	243990	47.670	ug/L	100
14) Carbon disulfide	2.793	76	236491	4.434	ug/L	99
15) Methyl Acetate	2.957	43	63235	5.608	ug/L	98
16) Methylene chloride	3.044	84	102260	4.374	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	252205	5.708	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	523672	30.700	ug/L	99
19) 1,1-Dichloroethane	3.867	63	178976	4.825	ug/L	99
21) 2-Butanone	4.716	43	421904	55.970	ug/L	94
22) cis-1,2-Dichloroethene	4.661	96	672218	35.909	ug/L	99
23) Bromochloromethane	4.973	128	44638	5.145	ug/L	96
25) Chloroform	5.086	83	167325	4.655	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	120198	4.840	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	130850	5.019	ug/L	97
30) Cyclohexane	5.385	56	165555	5.877	ug/L	97
31) Carbon tetrachloride	5.523	117	107809	4.706	ug/L	99
33) Benzene	5.771	78	395534	5.302	ug/L	100
34) Trichloroethene	6.539	95	100439	5.759	ug/L	98
35) Methylcyclohexane	6.761	83	144939	5.511	ug/L	96
37) 1,2-Dichloropropane	6.787	63	106574	5.119	ug/L	99
38) Bromodichloromethane	7.102	83	124640	4.919	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	142799	5.416	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	932305	61.283	ug/L	97
42) Toluene	7.967	91	395566	5.530	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	126889	5.461	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	79399	5.385	ug/L	98
47) Tetrachloroethene	8.549	164	76028	6.245	ug/L	96
48) 2-Hexanone	8.681	43	686596	59.874	ug/L	98
49) Dibromochloromethane	8.806	129	81555	5.223	ug/L	100
50) 1,2-Dibromoethane	8.918	107	72940	5.442	ug/L	99
51) Chlorobenzene	9.443	112	243213	5.324	ug/L	98
52) Ethylbenzene	9.565	91	411514	5.559	ug/L	99
53) m,p-Xylene	9.690	106	160021	5.862	ug/L	99
54) o-Xylene	10.095	106	156863	5.995	ug/L	100
55) Styrene	10.108	104	261827	5.752	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	111119	5.452	ug/L	99
59) Bromoform	10.285	173	47185	5.031	ug/L	99
60) Isopropylbenzene	10.481	105	391165	5.654	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	81224	5.306	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	325583	5.706	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	336256	5.854	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	179213	5.221	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	183734	5.176	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	178429	5.261	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	19282	5.564	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	130847	5.177	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	115574	5.434	ug/L	99
71) Naphthalene	14.082	128	270807	6.293	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	111750	5.242	ug/L	99

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

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