Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051932.D
Acq On : 19 Nov 2022 04:27
Operator : JC/MD
Sample : N5685-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW701MS

Quant Time: Nov 19 04:57:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:29:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108675	4.800	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.909	69	85363	4.854	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.000%			
11) 1,1-Dichloroethene-d2	2.565	65	38560	4.752	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.000%			
20) 2-Butanone-d5	4.616	46	205871	50.167	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.340%			
24) Chloroform-d	5.060	84	167226	5.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.700	65	84376	5.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	5.726	84	347657	5.005	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
36) 1,2-Dichloropropane-d6	6.687	67	105233	4.895	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.896	98	316650	5.039	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
43) trans-1,3-Dichloroprop...	8.176	79	38037	4.856	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.200%			
46) 2-Hexanone-d5	8.629	63	175698	52.926	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.860%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95930	5.147	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	108590	4.874	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	104894	5.196	ug/L	99
3) Chloromethane	1.527	50	134219	5.095	ug/L	100
5) Vinyl chloride	1.604	62	132190	5.222	ug/L	100
6) Bromomethane	1.848	94	65536	5.046	ug/L	100
8) Chloroethane	1.932	64	82415	5.236	ug/L	98
9) Trichlorofluoromethane	2.137	101	143491	5.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	82025	4.818	ug/L	99
12) 1,1-Dichloroethene	2.578	96	85173	5.045	ug/L	95
13) Acetone	2.620	43	137637	49.391	ug/L	99
14) Carbon disulfide	2.793	76	284491	4.867	ug/L	99
15) Methyl Acetate	2.948	43	31896	4.413	ug/L	100
16) Methylene chloride	3.044	84	106994	4.684	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	191362	5.063	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	89582	4.949	ug/L	98
19) 1,1-Dichloroethane	3.867	63	169810	5.206	ug/L	98
21) 2-Butanone	4.697	43	228009	51.050	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	97853	5.152	ug/L	97
23) Bromochloromethane	4.970	128	46967	5.168	ug/L	93
25) Chloroform	5.086	83	175585	5.312	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107481	5.309	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	133652	5.149	ug/L	99
30) Cyclohexane	5.388	56	126526	5.020	ug/L	99
31) Carbon tetrachloride	5.523	117	114196	5.178	ug/L	100
33) Benzene	5.771	78	399640	5.249	ug/L	100
34) Trichloroethene	6.539	95	92080	4.848	ug/L	96
35) Methylcyclohexane	6.761	83	125302	4.586	ug/L	97
37) 1,2-Dichloropropane	6.790	63	101596	5.153	ug/L	98
38) Bromodichloromethane	7.102	83	123353	5.132	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	125085	4.942	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	560221	54.401	ug/L	100
42) Toluene	7.967	91	420723	5.372	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	108821	5.021	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	77053	5.201	ug/L	99
47) Tetrachloroethene	8.552	164	70455	4.841	ug/L	96
48) 2-Hexanone	8.681	43	426693	56.519	ug/L	99
49) Dibromochloromethane	8.806	129	85658	5.162	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71241	5.279	ug/L	97
51) Chlorobenzene	9.446	112	251369	5.034	ug/L	98
52) Ethylbenzene	9.568	91	387435	5.088	ug/L	99
53) m,p-Xylene	9.693	106	154905	5.254	ug/L	97
54) o-Xylene	10.099	106	152134	5.383	ug/L	100
55) Styrene	10.111	104	258532	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	102321	5.530	ug/L	98
59) Bromoform	10.288	173	47726	4.980	ug/L	95
60) Isopropylbenzene	10.481	105	375921	5.143	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	69153	5.192	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	285128	4.880	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	283250	4.884	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	186637	5.001	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	182665	4.907	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	180980	5.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	14402	4.941	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	116626	4.407	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	85455	4.240	ug/L	99
71) Naphthalene	14.082	128	154955	4.095	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	86557	4.365	ug/L	97

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

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