Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051909.D
Acq On : 18 Nov 2022 17:11
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV073

Quant Time: Nov 18 22:21:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 22:15:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128465	5.239	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.800%			
7) Chloroethane-d5	1.912	69	100768	5.291	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.800%			
11) 1,1-Dichloroethene-d2	2.565	65	46303	5.268	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.400%			
20) 2-Butanone-d5	4.636	46	251256	56.532	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.060%			
24) Chloroform-d	5.060	84	197268	5.476	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.600%			
26) 1,2-Dichloroethane-d4	5.700	65	97457	5.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
32) Benzene-d6	5.726	84	414095	5.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.400%			
36) 1,2-Dichloropropane-d6	6.687	67	127551	5.543	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.800%			
41) Toluene-d8	7.896	98	379756	5.645	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.800%			
43) trans-1,3-Dichloroprop...	8.176	79	46803	5.581	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.600%			
46) 2-Hexanone-d5	8.632	63	210275	59.168	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.340%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	107721	5.399	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	124866	5.391	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	106224	4.859	ug/L	98
3) Chloromethane	1.523	50	144800	5.075	ug/L	100
5) Vinyl chloride	1.604	62	139013	5.071	ug/L	100
6) Bromomethane	1.858	94	72577	5.159	ug/L	100
8) Chloroethane	1.935	64	88525	5.193	ug/L	99
9) Trichlorofluoromethane	2.138	101	148937	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89075	4.831	ug/L	100
12) 1,1-Dichloroethene	2.578	96	92650	5.067	ug/L	98
13) Acetone	2.649	43	158787	52.613	ug/L	100
14) Carbon disulfide	2.793	76	320014	5.055	ug/L	99
15) Methyl Acetate	2.957	43	40350	5.154	ug/L	97
16) Methylene chloride	3.044	84	128178	5.181	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	216621	5.292	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102386	5.223	ug/L	98
19) 1,1-Dichloroethane	3.867	63	186587	5.281	ug/L	99
21) 2-Butanone	4.713	43	262851	54.339	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	111467	5.418	ug/L	96
23) Bromochloromethane	4.973	128	51134	5.195	ug/L	90
25) Chloroform	5.086	83	189027	5.280	ug/L	97

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV073

Quant Time: Nov 18 22:21:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	115782	5.281	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	145021	5.219	ug/L	100
30) Cyclohexane	5.385	56	138820	5.145	ug/L	99
31) Carbon tetrachloride	5.523	117	121256	5.135	ug/L	100
33) Benzene	5.771	78	446059	5.472	ug/L	100
34) Trichloroethene	6.539	95	103297	5.081	ug/L	96
35) Methylcyclohexane	6.761	83	142385	4.868	ug/L	98
37) 1,2-Dichloropropane	6.787	63	113894	5.396	ug/L	99
38) Bromodichloromethane	7.102	83	136567	5.307	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	146281	5.398	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	620515	56.285	ug/L	99
42) Toluene	7.967	91	467891	5.580	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	124279	5.356	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	84161	5.306	ug/L	98
47) Tetrachloroethene	8.552	164	78942	5.066	ug/L	99
48) 2-Hexanone	8.684	43	467685	57.867	ug/L	99
49) Dibromochloromethane	8.806	129	93077	5.240	ug/L	95
50) 1,2-Dibromoethane	8.922	107	79078	5.474	ug/L	98
51) Chlorobenzene	9.443	112	283426	5.302	ug/L	99
52) Ethylbenzene	9.568	91	443859	5.445	ug/L	100
53) m,p-Xylene	9.690	106	177685	5.629	ug/L	99
54) o-Xylene	10.099	106	172998	5.718	ug/L	100
55) Styrene	10.111	104	299714	5.866	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107018	5.403	ug/L	99
59) Bromoform	10.288	173	53921	5.411	ug/L	96
60) Isopropylbenzene	10.481	105	430281	5.662	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	72925	5.267	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	343060	5.647	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	347457	5.762	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	213316	5.497	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	210265	5.433	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	203986	5.459	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15324	5.057	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	144624	5.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109749	5.238	ug/L	99
71) Naphthalene	14.086	128	198022	5.034	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	109555	5.314	ug/L	99

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

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