Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050130.D
Acq On : 06 Aug 2022 05:48
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005150

Quant Time: Aug 06 06:07:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 06:03:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31742	4.408	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.200%			
7) Chloroethane-d5	1.909	69	28516	4.908	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.565	65	11655	4.141	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.800%			
20) 2-Butanone-d5	4.626	46	105417	60.029	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.060%			
24) Chloroform-d	5.063	84	67112	5.010	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.703	65	34229	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.726	84	120603	4.565	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.690	67	43027	4.946	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.899	98	102215	4.381	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	8.179	79	13436	4.310	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.632	63	76522	69.214	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 138.420%#			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40501	5.301	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	36123	4.620	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	44616	5.624	ug/L	99
3) Chloromethane	1.520	50	53541	5.159	ug/L	100
5) Vinyl chloride	1.604	62	53384	5.742	ug/L	97
6) Bromomethane	1.855	94	12202	2.056	ug/L	100
8) Chloroethane	1.932	64	30388	5.547	ug/L	100
9) Trichlorofluoromethane	2.138	101	56911	5.590	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30602	5.403	ug/L	97
12) 1,1-Dichloroethene	2.578	96	32800	5.484	ug/L	85
13) Acetone	2.633	43	62509	63.915	ug/L	90
14) Carbon disulfide	2.790	76	117067	5.480	ug/L	99
15) Methyl Acetate	2.954	43	16659	6.239	ug/L	92
16) Methylene chloride	3.044	84	46035	5.037	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	82678	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	36446	5.442	ug/L	96
19) 1,1-Dichloroethane	3.871	63	71424	5.632	ug/L	99
21) 2-Butanone	4.707	43	108088	61.461	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	40527	5.452	ug/L	98
23) Bromochloromethane	4.973	128	19499	5.488	ug/L	98
25) Chloroform	5.089	83	74221	5.489	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	44171	5.368	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	57998	5.584	ug/L	100
30) Cyclohexane	5.388	56	43592	4.817	ug/L	97
31) Carbon tetrachloride	5.523	117	45692	5.367	ug/L	98
33) Benzene	5.774	78	161236	5.436	ug/L	100
34) Trichloroethene	6.542	95	36707	5.117	ug/L	97
35) Methylcyclohexane	6.761	83	44593	4.815	ug/L	99
37) 1,2-Dichloropropane	6.793	63	43043	5.448	ug/L	100
38) Bromodichloromethane	7.105	83	52509	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	48715	4.724	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	256119	55.965	ug/L	100
42) Toluene	7.970	91	160678	5.401	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42453	4.800	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32584	5.517	ug/L	98
47) Tetrachloroethene	8.552	164	25783	5.016	ug/L	97
48) 2-Hexanone	8.684	43	194687	55.003	ug/L	98
49) Dibromochloromethane	8.809	129	35837	5.482	ug/L	96
50) 1,2-Dibromoethane	8.925	107	30385	5.674	ug/L	99
51) Chlorobenzene	9.446	112	94410	5.044	ug/L	95
52) Ethylbenzene	9.568	91	144938	4.993	ug/L	99
53) m,p-Xylene	9.693	106	56235	5.260	ug/L	99
54) o-Xylene	10.099	106	56955	5.337	ug/L	100
55) Styrene	10.115	104	94198	5.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	43864	5.652	ug/L	100
59) Bromoform	10.288	173	20346	5.084	ug/L	94
60) Isopropylbenzene	10.484	105	133158	4.997	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	29304	5.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	35997	4.781	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	99862	4.868	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	67842	5.051	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	66934	5.121	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	68379	5.257	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6395	6.000	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	46264	4.835	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	35921	4.955	ug/L	99
71) Naphthalene	14.086	128	74281	4.997	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	38968	5.302	ug/L	99

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

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