Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051910.D
Acq On : 18 Nov 2022 17:36
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Quant Time: Nov 18 22:21:40 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	270351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	266102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131978	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	124624	4.739	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.912	69	96303	4.715	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.200%			
11) 1,1-Dichloroethene-d2	2.565	65	45436	4.820	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	4.642	46	248729	52.181	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.360%			
24) Chloroform-d	5.060	84	189985	4.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.700	65	93509	4.791	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.726	84	397037	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	6.687	67	121330	4.963	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.200%			
41) Toluene-d8	7.896	98	369931	5.175	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
43) trans-1,3-Dichloroprop...	8.179	79	46689	5.240	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.800%			
46) 2-Hexanone-d5	8.632	63	205626	54.460	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.920%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	105391	4.972	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.400%			
66) 1,2-Dichlorobenzene-d4	12.189	152	125450	4.965	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	111160	4.741	ug/L	100
3) Chloromethane	1.523	50	144607	4.726	ug/L	98
5) Vinyl chloride	1.604	62	143193	4.870	ug/L	99
6) Bromomethane	1.858	94	73511	4.872	ug/L	99
8) Chloroethane	1.935	64	89800	4.912	ug/L	97
9) Trichlorofluoromethane	2.138	101	151701	4.690	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91155	4.609	ug/L	99
12) 1,1-Dichloroethene	2.578	96	95012	4.845	ug/L	97
13) Acetone	2.658	43	161628	49.934	ug/L	97
14) Carbon disulfide	2.793	76	328668	4.841	ug/L	100
15) Methyl Acetate	2.964	43	41824	4.982	ug/L	99
16) Methylene chloride	3.044	84	119782	4.515	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	222358	5.065	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	104429	4.967	ug/L	95
19) 1,1-Dichloroethane	3.867	63	189325	4.997	ug/L	99
21) 2-Butanone	4.719	43	265035	51.086	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	112895	5.117	ug/L	99
23) Bromochloromethane	4.973	128	53194	5.039	ug/L	96
25) Chloroform	5.089	83	192682	5.019	ug/L	97

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Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Quant Time: Nov 18 22:21:40 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)
27) 1,2-Dichloroethane	5.793	62	118717	5.049	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	147432	4.994	ug/L	98
30) Cyclohexane	5.385	56	146465	5.109	ug/L	97
31) Carbon tetrachloride	5.523	117	124124	4.948	ug/L	99
33) Benzene	5.771	78	448205	5.175	ug/L	100
34) Trichloroethene	6.539	95	105182	4.869	ug/L	97
35) Methylcyclohexane	6.761	83	151671	4.881	ug/L	99
37) 1,2-Dichloropropane	6.787	63	114020	5.085	ug/L	99
38) Bromodichloromethane	7.102	83	136389	4.989	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	148847	5.170	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	640612	54.694	ug/L	99
42) Toluene	7.967	91	471984	5.298	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	127352	5.166	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	86140	5.112	ug/L	97
47) Tetrachloroethene	8.552	164	81824	4.943	ug/L	98
48) 2-Hexanone	8.684	43	479884	55.887	ug/L	100
49) Dibromochloromethane	8.806	129	95722	5.072	ug/L	99
50) 1,2-Dibromoethane	8.922	107	79222	5.162	ug/L	95
51) Chlorobenzene	9.446	112	284961	5.017	ug/L	98
52) Ethylbenzene	9.568	91	452583	5.226	ug/L	98
53) m,p-Xylene	9.690	106	181708	5.418	ug/L	96
54) o-Xylene	10.099	106	178667	5.559	ug/L	96
55) Styrene	10.111	104	301635	5.556	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107917	5.128	ug/L	99
59) Bromoform	10.288	173	54723	5.034	ug/L	98
60) Isopropylbenzene	10.481	105	442306	5.336	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	75454	4.995	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	353892	5.340	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	357288	5.432	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	216510	5.115	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	214716	5.086	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	211519	5.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15302	4.629	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	148490	4.947	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	116194	5.084	ug/L	98
71) Naphthalene	14.086	128	209649	4.885	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	115547	5.138	ug/L	99

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

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

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