Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051496.D
Acq On : 26 Oct 2022 11:27
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

Quant Time: Oct 27 05:24:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 14 01:20:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	270669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	269948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109398	5.011	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.200%			
7) Chloroethane-d5	1.913	69	86385	4.605	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.000%			
11) 1,1-Dichloroethene-d2	2.562	65	40651	4.710	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	4.639	46	190592	39.649	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.300%			
24) Chloroform-d	5.064	84	174209	4.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.700	65	83379	3.972	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
32) Benzene-d6	5.726	84	355546	4.788	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.690	67	108476	4.301	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.000%			
41) Toluene-d8	7.896	98	327638	4.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	8.179	79	37682	4.548	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.000%			
46) 2-Hexanone-d5	8.636	63	145135	51.971	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.940%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86728	4.305	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	101802	4.283	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	145484	6.589	ug/L	99
3) Chloromethane	1.530	50	170607	5.503	ug/L	97
5) Vinyl chloride	1.601	62	166498	5.475	ug/L	98
6) Bromomethane	1.858	94	100952	6.096	ug/L	99
8) Chloroethane	1.932	64	99579	5.135	ug/L	99
9) Trichlorofluoromethane	2.134	101	179689	5.127	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	109504	5.205	ug/L	98
12) 1,1-Dichloroethene	2.575	96	105149	5.327	ug/L	100
13) Acetone	2.649	43	171360	47.529	ug/L	98
14) Carbon disulfide	2.790	76	362236	5.992	ug/L	99
15) Methyl Acetate	2.961	43	39660	4.525	ug/L	97
16) Methylene chloride	3.044	84	137176	4.707	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	222596	4.923	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	111486	5.369	ug/L	98
19) 1,1-Dichloroethane	3.867	63	207472	4.842	ug/L	98
21) 2-Butanone	4.716	43	262229	46.151	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	118063	5.133	ug/L	95
23) Bromochloromethane	4.973	128	56428	5.142	ug/L	95
25) Chloroform	5.086	83	209009	4.670	ug/L	99

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Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

Quant Time: Oct 27 05:24:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 14 01:20:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	126297	4.711	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	165881	5.129	ug/L	97
30) Cyclohexane	5.388	56	161205	5.876	ug/L	100
31) Carbon tetrachloride	5.523	117	145167	5.304	ug/L	98
33) Benzene	5.774	78	480620	5.333	ug/L	100
34) Trichloroethene	6.539	95	114614	5.098	ug/L	98
35) Methylcyclohexane	6.761	83	173003	6.099	ug/L	97
37) 1,2-Dichloropropane	6.790	63	121491	4.918	ug/L	100
38) Bromodichloromethane	7.105	83	146840	4.983	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	156647	5.276	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	626717	48.361	ug/L	98
42) Toluene	7.967	91	508434	5.315	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	135068	5.261	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	86149	4.967	ug/L	97
47) Tetrachloroethene	8.552	164	87769	5.310	ug/L	98
48) 2-Hexanone	8.687	43	471423	48.856	ug/L	99
49) Dibromochloromethane	8.809	129	100439	5.158	ug/L	99
50) 1,2-Dibromoethane	8.922	107	78483	5.084	ug/L	98
51) Chlorobenzene	9.446	112	301408	5.273	ug/L	99
52) Ethylbenzene	9.568	91	476763	5.546	ug/L	97
53) m,p-Xylene	9.694	106	190363	5.710	ug/L	99
54) o-Xylene	10.099	106	184484	5.848	ug/L	92
55) Styrene	10.115	104	317528	5.847	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	108118	5.036	ug/L	99
59) Bromoform	10.288	173	53815	4.730	ug/L	99
60) Isopropylbenzene	10.485	105	471666	5.445	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	75038	4.345	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	120129	5.228	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	344673	5.304	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	227888	5.319	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	221394	5.242	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	212946	5.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	16552	5.011	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	157855	5.345	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	114092	5.435	ug/L	97
71) Naphthalene	14.086	128	195861	5.020	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	112563	5.184	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 : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

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