Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061324\
Data File : VU059225.D
Acq On : 13 Jun 2024 08:41
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005112

Quant Time: Jun 14 06:51:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 12 04:24:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40754	4.142	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.800%			
7) Chloroethane-d5	1.911	69	42574	4.787	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.800%			
11) 1,1-Dichloroethene-d2	2.563	65	17131	4.272	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.400%			
20) 2-Butanone-d5	4.628	46	140216	54.806	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.620%			
24) Chloroform-d	5.055	84	105694	5.319	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	5.695	65	51764	5.069	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	5.721	84	191226	5.223	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.682	67	63423	5.199	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.000%			
41) Toluene-d8	7.891	98	163228	4.899	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
43) trans-1,3-Dichloroprop...	8.177	79	20865	4.984	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.600%			
46) 2-Hexanone-d5	8.627	63	101798	50.672	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.340%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58440	5.547	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60860	5.063	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	56795	4.779	ug/L	97
3) Chloromethane	1.515	50	65366	4.723	ug/L	98
5) Vinyl chloride	1.599	62	73435	4.953	ug/L	97
6) Bromomethane	1.853	94	44811	4.852	ug/L	95
8) Chloroethane	1.930	64	45932	4.875	ug/L	97
9) Trichlorofluoromethane	2.136	101	92865	4.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60101	5.216	ug/L	100
12) 1,1-Dichloroethene	2.576	96	53248	5.261	ug/L	85
13) Acetone	2.640	43	94953	53.698	ug/L	97
14) Carbon disulfide	2.788	76	151747	4.732	ug/L	99
15) Methyl Acetate	2.949	43	21696	4.937	ug/L	98
16) Methylene chloride	3.039	84	68124	4.962	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	129127	4.908	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	54362	5.101	ug/L	95
19) 1,1-Dichloroethane	3.859	63	117745	5.286	ug/L	98
21) 2-Butanone	4.705	43	146421	51.627	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	65221	5.316	ug/L	98
23) Bromochloromethane	4.968	128	29543	5.453	ug/L	97
25) Chloroform	5.081	83	119700	5.142	ug/L	100

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005112

Quant Time: Jun 14 06:51:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 12 04:24:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71485	5.027	ug/L		100
29) 1,1,1-Trichloroethane	5.306	97	94909	5.322	ug/L		99
30) Cyclohexane	5.380	56	81179	4.815	ug/L		99
31) Carbon tetrachloride	5.518	117	76388	5.135	ug/L		100
33) Benzene	5.766	78	255585	5.452	ug/L		100
34) Trichloroethene	6.537	95	65639	5.293	ug/L		98
35) Methylcyclohexane	6.756	83	90430	5.111	ug/L		99
37) 1,2-Dichloropropane	6.782	63	70386	5.289	ug/L	#	98
38) Bromodichloromethane	7.100	83	85436	5.356	ug/L		98
39) cis-1,3-Dichloropropene	7.602	75	91293	5.034	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	351953	51.169	ug/L		99
42) Toluene	7.965	91	273510	5.594	ug/L		98
44) trans-1,3-Dichloropropene	8.206	75	75019	5.069	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	50604	5.406	ug/L		98
47) Tetrachloroethene	8.547	164	46247	5.235	ug/L		98
48) 2-Hexanone	8.679	43	259900	52.434	ug/L		97
49) Dibromochloromethane	8.804	129	53006	5.369	ug/L		99
50) 1,2-Dibromoethane	8.917	107	43722	5.285	ug/L		99
51) Chlorobenzene	9.441	112	167070	5.362	ug/L		98
52) Ethylbenzene	9.563	91	278749	5.280	ug/L		98
53) m,p-Xylene	9.688	106	107518	5.565	ug/L		96
54) o-Xylene	10.094	106	102561	5.428	ug/L		98
55) Styrene	10.110	104	177688	5.589	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61361	5.170	ug/L		98
59) Bromoform	10.286	173	30700	5.256	ug/L		98
60) Isopropylbenzene	10.479	105	276143	5.396	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	42698	5.187	ug/L		98
62) 1,3,5-Trimethylbenzene	11.084	105	210922	5.171	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	209776	5.187	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	127877	5.136	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	128923	5.188	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	120805	5.191	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8546	5.161	ug/L		89
69) 1,3,5-Trichlorobenzene	13.212	180	92432	4.951	ug/L		97
70) 1,2,4-trichlorobenzene	13.836	180	69309	4.499	ug/L		99
71) Naphthalene	14.084	128	92663	3.991	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	61763	4.568	ug/L		99

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

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