Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061933.D
Acq On : 21 Nov 2024 21:58
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

Quant Time: Nov 21 23:13:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 23:06:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	169765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36670	4.404	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.904	69	35022	4.754	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.560	65	15450	4.644	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	4.611	46	136410	52.165	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.340%			
24) Chloroform-d	5.052	84	100331	4.939	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.692	65	51735	4.948	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	5.717	84	167151	5.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
36) 1,2-Dichloropropane-d6	6.682	67	66456	6.230	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 124.600%			
41) Toluene-d8	7.888	98	150336	5.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.800%			
43) trans-1,3-Dichloroprop...	8.174	79	23008	5.826	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 116.600%			
46) 2-Hexanone-d5	8.624	63	103874	57.627	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.260%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54374	5.101	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	59019	5.110	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	63541	4.278	ug/L	99
3) Chloromethane	1.515	50	66216	4.325	ug/L	98
5) Vinyl chloride	1.599	62	69698	4.431	ug/L	100
6) Bromomethane	1.846	94	43309	4.626	ug/L	98
8) Chloroethane	1.927	64	42594	4.200	ug/L	97
9) Trichlorofluoromethane	2.132	101	100645	5.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53524	4.372	ug/L	96
12) 1,1-Dichloroethene	2.573	96	51391	4.514	ug/L	98
13) Acetone	2.618	43	81750	45.280	ug/L	98
14) Carbon disulfide	2.785	76	158442	4.375	ug/L	99
15) Methyl Acetate	2.946	43	21592	4.657	ug/L	99
16) Methylene chloride	3.036	84	60483	4.424	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	132824	4.552	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	55830	4.639	ug/L	95
19) 1,1-Dichloroethane	3.856	63	107674	4.593	ug/L	99
21) 2-Butanone	4.692	43	135454	46.421	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	62488	4.614	ug/L	99
23) Bromochloromethane	4.965	128	27806	4.723	ug/L	95
25) Chloroform	5.074	83	114133	4.657	ug/L	99

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ClientSampleId :
VSTD005156

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	72795	4.618	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	92953	5.005	ug/L	99
30) Cyclohexane	5.377	56	92310	4.752	ug/L	98
31) Carbon tetrachloride	5.515	117	79988	5.072	ug/L	99
33) Benzene	5.763	78	246726	5.070	ug/L	100
34) Trichloroethene	6.534	95	74117	5.707	ug/L	99
35) Methylcyclohexane	6.753	83	97905	4.928	ug/L	98
37) 1,2-Dichloropropane	6.782	63	70670	5.590	ug/L	98
38) Bromodichloromethane	7.097	83	85979	5.608	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	95220	5.372	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	374737	54.937	ug/L	98
42) Toluene	7.962	91	275586	5.397	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	75599	5.370	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	53110	5.702	ug/L	98
47) Tetrachloroethene	8.544	164	52564	5.565	ug/L	96
48) 2-Hexanone	8.676	43	287536	56.286	ug/L	98
49) Dibromochloromethane	8.801	129	53863	5.475	ug/L	97
50) 1,2-Dibromoethane	8.914	107	46547	5.035	ug/L	99
51) Chlorobenzene	9.438	112	157952	4.516	ug/L	98
52) Ethylbenzene	9.560	91	271078	4.436	ug/L	99
53) m,p-Xylene	9.685	106	100617	4.666	ug/L	98
54) o-Xylene	10.090	106	98408	4.521	ug/L	95
55) Styrene	10.106	104	163724	4.566	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	55191	4.624	ug/L	98
59) Bromoform	10.280	173	24243	4.175	ug/L	99
60) Isopropylbenzene	10.476	105	262588	4.311	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38684	4.284	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	206795	4.256	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	205803	4.249	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	117593	4.349	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	116936	4.468	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	110671	4.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7795	5.058	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	79133	4.919	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	63503	5.150	ug/L	98
71) Naphthalene	14.081	128	98633	4.963	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	54961	5.175	ug/L	100

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

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