Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
Data File : VU061011.D
Acq On : 25 Sep 2024 17:58
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005092

Quant Time: Sep 26 05:42:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 26 05:34:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143903	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	145127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51646	3.990	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.800%			
7) Chloroethane-d5	1.911	69	45818	4.972	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.560	65	19080	4.159	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.637	46	117861	56.723	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.440%			
24) Chloroform-d	5.052	84	97309	4.918	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.695	65	46136	4.878	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.718	84	173873	4.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.682	67	58706	4.878	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.891	98	156126	4.402	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	8.174	79	20566	4.747	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.627	63	98915	57.883	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.760%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49028	5.200	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	55339	4.404	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	51647	4.755	ug/L	99
3) Chloromethane	1.515	50	61773	5.383	ug/L	94
5) Vinyl chloride	1.599	62	64481	5.192	ug/L	97
6) Bromomethane	1.853	94	35838	4.516	ug/L	97
8) Chloroethane	1.930	64	42489	5.600	ug/L	98
9) Trichlorofluoromethane	2.133	101	90089	5.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49541	4.998	ug/L	99
12) 1,1-Dichloroethene	2.573	96	44482	4.914	ug/L	94
13) Acetone	2.660	43	72802	52.518	ug/L	94
14) Carbon disulfide	2.785	76	112331	4.473	ug/L	99
15) Methyl Acetate	2.956	43	18084	5.351	ug/L	94
16) Methylene chloride	3.039	84	52174	4.977	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	104050	5.086	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	43444	4.632	ug/L	95
19) 1,1-Dichloroethane	3.859	63	100746	5.350	ug/L	99
21) 2-Butanone	4.714	43	122613	54.336	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	52157	5.024	ug/L	98
23) Bromochloromethane	4.968	128	23832	4.861	ug/L	84
25) Chloroform	5.078	83	103480	5.270	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58880	5.175	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	84687	5.405	ug/L		98
30) Cyclohexane	5.380	56	62996	4.892	ug/L		97
31) Carbon tetrachloride	5.515	117	71973	5.188	ug/L		97
33) Benzene	5.766	78	208992	5.237	ug/L		100
34) Trichloroethene	6.534	95	52867	5.054	ug/L		98
35) Methylcyclohexane	6.756	83	65127	4.538	ug/L		96
37) 1,2-Dichloropropane	6.782	63	57928	5.268	ug/L	#	97
38) Bromodichloromethane	7.097	83	72079	5.344	ug/L		99
39) cis-1,3-Dichloropropene	7.599	75	74894	5.121	ug/L		97
40) 4-Methyl-2-pentanone	7.782	43	295748	57.597	ug/L		97
42) Toluene	7.962	91	221069	5.298	ug/L		96
44) trans-1,3-Dichloropropene	8.203	75	66302	5.513	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	41896	5.278	ug/L		99
47) Tetrachloroethene	8.544	164	38867	4.675	ug/L		97
48) 2-Hexanone	8.676	43	230383	61.554	ug/L		97
49) Dibromochloromethane	8.801	129	47891	5.299	ug/L		98
50) 1,2-Dibromoethane	8.917	107	37416	5.281	ug/L	#	98
51) Chlorobenzene	9.441	112	139080	4.964	ug/L		98
52) Ethylbenzene	9.563	91	225348	5.130	ug/L		98
53) m,p-Xylene	9.685	106	86305	5.182	ug/L		100
54) o-Xylene	10.094	106	81942	4.986	ug/L		93
55) Styrene	10.107	104	143212	5.170	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.772	83	51687	5.220	ug/L		100
59) Bromoform	10.283	173	27340	4.851	ug/L		95
60) Isopropylbenzene	10.476	105	218531	4.931	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	33929	4.864	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	161114	4.677	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	165240	4.855	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	109461	4.912	ug/L		100
65) 1,4-Dichlorobenzene	11.827	146	105799	4.593	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	100392	4.764	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.987	75	6901	5.067	ug/L		92
69) 1,3,5-Trichlorobenzene	13.209	180	71471	4.287	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	53752	4.578	ug/L		97
71) Naphthalene	14.081	128	72006	4.649	ug/L		100
72) 1,2,3-Trichlorobenzene	14.322	180	47137	4.646	ug/L		98

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

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