Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
Data File : VU061578.D
Acq On : 09 Nov 2024 05:02
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Quant Time: Nov 11 00:14:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 09 01:40:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	164842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	157187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35274	3.150	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.911	69	36484	3.554	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.000%			
11) 1,1-Dichloroethene-d2	2.560	65	17413	3.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	4.628	46	122902	54.059	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.120%			
24) Chloroform-d	5.052	84	99531	4.683	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	5.692	65	48375	4.566	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.718	84	193528	4.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.682	67	60684	4.557	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.888	98	178094	4.300	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	8.174	79	20094	3.697	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.000%			
46) 2-Hexanone-d5	8.624	63	111095	49.903	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.800%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51173	5.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	62802	4.618	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	49953	4.545	ug/L	99
3) Chloromethane	1.518	50	47526	4.101	ug/L	99
5) Vinyl chloride	1.602	62	54727	4.295	ug/L	99
6) Bromomethane	1.856	94	35253	4.175	ug/L	100
8) Chloroethane	1.930	64	38761	4.132	ug/L	99
9) Trichlorofluoromethane	2.133	101	88001	5.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51176	4.980	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47193	4.842	ug/L	93
13) Acetone	2.650	43	75072	52.135	ug/L	97
14) Carbon disulfide	2.789	76	122369	3.763	ug/L	99
15) Methyl Acetate	2.956	43	19963	5.599	ug/L	100
16) Methylene chloride	3.039	84	57871	5.039	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	131347	4.973	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	51087	4.741	ug/L	97
19) 1,1-Dichloroethane	3.859	63	103348	5.085	ug/L	99
21) 2-Butanone	4.708	43	122773	53.782	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	61894	5.028	ug/L	99
23) Bromochloromethane	4.965	128	27924	5.391	ug/L	97
25) Chloroform	5.078	83	111739	5.229	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68320	5.059	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	88966	4.622	ug/L	98
30) Cyclohexane	5.377	56	82196	4.257	ug/L	99
31) Carbon tetrachloride	5.515	117	74818	4.543	ug/L	98
33) Benzene	5.763	78	239723	4.931	ug/L	100
34) Trichloroethene	6.534	95	62724	4.743	ug/L	97
35) Methylcyclohexane	6.753	83	86551	4.112	ug/L	97
37) 1,2-Dichloropropane	6.779	63	62196	5.048	ug/L	100
38) Bromodichloromethane	7.097	83	74159	4.755	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	81902	4.303	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	318381	51.916	ug/L	99
42) Toluene	7.962	91	260658	4.938	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	66961	4.318	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48020	5.415	ug/L	99
47) Tetrachloroethene	8.544	164	44841	4.855	ug/L	96
48) 2-Hexanone	8.676	43	229000	52.806	ug/L	98
49) Dibromochloromethane	8.801	129	47100	4.683	ug/L	96
50) 1,2-Dibromoethane	8.914	107	43997	5.107	ug/L	97
51) Chlorobenzene	9.438	112	167838	5.030	ug/L	99
52) Ethylbenzene	9.563	91	280959	4.838	ug/L	99
53) m,p-Xylene	9.685	106	105259	4.758	ug/L	97
54) o-Xylene	10.090	106	106606	4.883	ug/L	99
55) Styrene	10.107	104	173093	4.945	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	57587	5.389	ug/L	99
59) Bromoform	10.283	173	25004	4.399	ug/L	99
60) Isopropylbenzene	10.476	105	278293	4.744	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39696	5.189	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	219665	4.600	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	217173	4.600	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	125549	5.085	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	123897	4.922	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	118975	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7197	4.481	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	85598	5.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	69577	5.094	ug/L	99
71) Naphthalene	14.077	128	110931	5.147	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60900	5.330	ug/L	99

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

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