Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
Data File : VU061102.D
Acq On : 10 Oct 2024 20:27
Operator : MD/SY
Sample : P4380-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27H4MSD

Quant Time: Oct 11 06:53:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38657	3.153	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.907	69	33850	3.689	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.800%			
11) 1,1-Dichloroethene-d2	2.554	65	17728	3.278	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.600%			
20) 2-Butanone-d5	4.647	46	107520	36.612	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.220%			
24) Chloroform-d	5.052	84	88019	4.074	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.400%			
26) 1,2-Dichloroethane-d4	5.692	65	43717	3.817	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
32) Benzene-d6	5.718	84	162705	3.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.000%			
36) 1,2-Dichloropropane-d6	6.682	67	53591	3.859	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.200%			
41) Toluene-d8	7.888	98	148402	3.755	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	8.174	79	21783	3.669	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.400%			
46) 2-Hexanone-d5	8.627	63	102525	41.717	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.440%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42585	4.182	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	52841	4.180	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	40459	4.841	ug/L	99
3) Chloromethane	1.515	50	54341	4.502	ug/L	98
5) Vinyl chloride	1.596	62	60657	5.006	ug/L	98
6) Bromomethane	1.850	94	24083	3.726	ug/L	98
8) Chloroethane	1.927	64	38593	5.251	ug/L	98
9) Trichlorofluoromethane	2.129	101	84257	5.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	53896	5.241	ug/L	96
12) 1,1-Dichloroethene	2.567	96	51849	5.236	ug/L	92
13) Acetone	2.666	43	118716	62.856	ug/L	96
14) Carbon disulfide	2.782	76	173860	5.167	ug/L	99
15) Methyl Acetate	2.962	43	21222	4.615	ug/L	92
16) Methylene chloride	3.036	84	57389	5.048	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	145181	5.124	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	56899	5.242	ug/L	97
19) 1,1-Dichloroethane	3.856	63	114173	5.405	ug/L	98
21) 2-Butanone	4.724	43	134797	43.354	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	65097	5.385	ug/L	95
23) Bromochloromethane	4.965	128	26044	5.352	ug/L	90
25) Chloroform	5.078	83	111699	5.279	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71357	5.120	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	94695	5.103	ug/L		96
30) Cyclohexane	5.377	56	103198	4.992	ug/L		95
31) Carbon tetrachloride	5.515	117	84008	5.334	ug/L		99
33) Benzene	5.763	78	301457	6.377	ug/L		100
34) Trichloroethene	6.534	95	64449	5.029	ug/L		96
35) Methylcyclohexane	6.753	83	105448	5.095	ug/L		99
37) 1,2-Dichloropropane	6.782	63	64983	5.216	ug/L	#	97
38) Bromodichloromethane	7.097	83	81156	5.211	ug/L		98
39) cis-1,3-Dichloropropene	7.598	75	98793	5.057	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	406722	50.969	ug/L		95
42) Toluene	7.962	91	280005	5.560	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	80820	5.003	ug/L		97
45) 1,1,2-Trichloroethane	8.393	97	43550	5.274	ug/L		98
47) Tetrachloroethene	8.544	164	46744	5.604	ug/L		96
48) 2-Hexanone	8.679	43	274298	49.580	ug/L		98
49) Dibromochloromethane	8.801	129	52229	5.437	ug/L		97
50) 1,2-Dibromoethane	8.917	107	41898	5.360	ug/L	#	99
51) Chlorobenzene	9.438	112	165075	5.381	ug/L		95
52) Ethylbenzene	9.563	91	299829	5.253	ug/L		98
53) m,p-Xylene	9.685	106	109002	5.236	ug/L		90
54) o-Xylene	10.090	106	110741	5.406	ug/L		94
55) Styrene	10.106	104	168554	5.099	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.772	83	55643	5.363	ug/L		97
59) Bromoform	10.283	173	28589	5.269	ug/L		97
60) Isopropylbenzene	10.476	105	273260	5.169	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	39261	5.056	ug/L		98
62) 1,3,5-Trimethylbenzene	11.077	105	234696	5.037	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	239645	5.096	ug/L		98
64) 1,3-Dichlorobenzene	11.737	146	124307	5.485	ug/L		97
65) 1,4-Dichlorobenzene	11.827	146	121162	5.409	ug/L		96
67) 1,2-Dichlorobenzene	12.203	146	115593	5.519	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8559	5.054	ug/L		85
69) 1,3,5-Trichlorobenzene	13.209	180	90626	5.680	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	77301	6.322	ug/L		97
71) Naphthalene	14.077	128	176143	8.818	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	65923	6.479	ug/L		98

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

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