Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
Data File : VU060537.D
Acq On : 24 Aug 2024 02:25
Operator : MD/SY
Sample : P3711-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E24A0MSD

Quant Time: Aug 24 04:40:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 24 01:46:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96494	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	99882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19170	4.498	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.000%			
7) Chloroethane-d5	1.911	69	28760	4.454	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.560	65	13370	5.323	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.400%			
20) 2-Butanone-d5	4.634	46	80859	55.172	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.340%			
24) Chloroform-d	5.055	84	64893	5.341	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
26) 1,2-Dichloroethane-d4	5.695	65	34140	5.384	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
32) Benzene-d6	5.721	84	112997	5.174	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
36) 1,2-Dichloropropane-d6	6.682	67	37124	5.268	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.400%			
41) Toluene-d8	7.891	98	107743	5.258	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
43) trans-1,3-Dichloroprop...	8.174	79	12809	5.080	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.627	63	61545	50.975	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.960%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32370	5.162	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	40858	4.599	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	52270	4.774	ug/L	99
3) Chloromethane	1.518	50	44790	4.721	ug/L	96
5) Vinyl chloride	1.602	62	45568	4.878	ug/L	99
6) Bromomethane	1.856	94	31772	3.379	ug/L	95
8) Chloroethane	1.930	64	40215	4.718	ug/L	98
9) Trichlorofluoromethane	2.132	101	91633	4.512	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44328	5.159	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41975	5.308	ug/L	93
13) Acetone	2.647	43	59053	48.153	ug/L	100
14) Carbon disulfide	2.788	76	114825	4.474	ug/L	100
15) Methyl Acetate	2.962	43	10892	4.343	ug/L	92
16) Methylene chloride	3.039	84	38968	5.073	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	84451	5.262	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	36527	5.305	ug/L	98
19) 1,1-Dichloroethane	3.859	63	72380	5.188	ug/L	98
21) 2-Butanone	4.711	43	90211	53.790	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	39533	5.153	ug/L	97
23) Bromochloromethane	4.965	128	19362	5.553	ug/L #	92
25) Chloroform	5.078	83	76294	5.167	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	50607	5.106	ug/L	#	95
29) 1,1,1-Trichloroethane	5.306	97	67556	4.938	ug/L		98
30) Cyclohexane	5.380	56	55341	4.886	ug/L		100
31) Carbon tetrachloride	5.518	117	61441	4.860	ug/L		99
33) Benzene	5.766	78	160508	5.067	ug/L		100
34) Trichloroethene	6.534	95	41379	4.819	ug/L		97
35) Methylcyclohexane	6.756	83	54765	4.648	ug/L		99
37) 1,2-Dichloropropane	6.782	63	44076	5.430	ug/L	#	97
38) Bromodichloromethane	7.100	83	54819	5.139	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	56545	4.751	ug/L		98
40) 4-Methyl-2-pentanone	7.785	43	229430	54.270	ug/L		99
42) Toluene	7.962	91	176124	5.261	ug/L		95
44) trans-1,3-Dichloropropene	8.203	75	49702	5.087	ug/L		97
45) 1,1,2-Trichloroethane	8.393	97	30167	5.130	ug/L		98
47) Tetrachloroethene	8.547	164	32760	4.654	ug/L		98
48) 2-Hexanone	8.679	43	171606	54.240	ug/L		99
49) Dibromochloromethane	8.801	129	36191	5.316	ug/L		95
50) 1,2-Dibromoethane	8.917	107	28497	5.279	ug/L		98
51) Chlorobenzene	9.441	112	108802	5.021	ug/L		98
52) Ethylbenzene	9.563	91	179775	5.067	ug/L		99
53) m,p-Xylene	9.688	106	70716	5.362	ug/L		100
54) o-Xylene	10.093	106	67623	5.008	ug/L		99
55) Styrene	10.110	104	116112	5.248	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.775	83	38550	5.135	ug/L		98
59) Bromoform	10.283	173	22182	4.480	ug/L		99
60) Isopropylbenzene	10.476	105	181381	4.506	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	26779	4.608	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	159743	5.325	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	195051	6.373	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	111014	5.635	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	102784	5.142	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	83146	4.499	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	5730	4.368	ug/L	#	89
69) 1,3,5-Trichlorobenzene	13.212	180	62984	4.146	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	49253	4.019	ug/L		97
71) Naphthalene	14.080	128	65816	4.204	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	43989	4.289	ug/L		99

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

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