Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
Data File : VU051625.D
Acq On : 31 Oct 2022 20:55
Operator : JC/MD
Sample : N5353-15MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

Quant Time: Nov 01 01:30:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51451	3.368	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.400%			
7) Chloroethane-d5	1.909	69	62214	3.905	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.565	65	18459	3.329	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.600%			
20) 2-Butanone-d5	4.617	46	290460	52.496	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.000%			
24) Chloroform-d	5.060	84	159773	4.469	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.700	65	88709	4.593	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.726	84	271826	4.099	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
36) 1,2-Dichloropropane-d6	6.690	67	102777	4.432	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.600%			
41) Toluene-d8	7.896	98	216224	4.146	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	8.179	79	31004	4.373	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.400%			
46) 2-Hexanone-d5	8.629	63	229907	53.862	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.720%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	104878	4.935	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	12.189	152	85539	4.198	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	115475	5.205	ug/L	99
3) Chloromethane	1.523	50	133565	4.776	ug/L	100
5) Vinyl chloride	1.601	62	145797	5.443	ug/L #	50
6) Bromomethane	1.848	94	29935	2.357	ug/L	95
8) Chloroethane	1.929	64	90274	5.550	ug/L	95
9) Trichlorofluoromethane	2.134	101	156593	5.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90586	5.240	ug/L	98
12) 1,1-Dichloroethene	2.578	96	93759	5.317	ug/L	91
13) Acetone	2.620	43	148667	52.956	ug/L	100
14) Carbon disulfide	2.790	76	298882	5.257	ug/L	100
15) Methyl Acetate	2.948	43	35957	4.892	ug/L	97
16) Methylene chloride	3.041	84	116129	4.020	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	225998	5.589	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	241207	12.745	ug/L	100
19) 1,1-Dichloroethane	3.867	63	220899	6.328	ug/L	99
21) 2-Butanone	4.697	43	254245	57.830	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	748539	35.744	ug/L	99
23) Bromochloromethane	4.973	128	52847	5.397	ug/L	98
25) Chloroform	5.086	83	192551	5.317	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	119271	5.352	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	150653	5.280	ug/L	98
30) Cyclohexane	5.388	56	134733	5.128	ug/L	98
31) Carbon tetrachloride	5.523	117	124972	5.121	ug/L	99
33) Benzene	5.771	78	457694	5.519	ug/L	100
34) Trichloroethene	6.539	95	169040	8.446	ug/L	99
35) Methylcyclohexane	6.761	83	134507	4.861	ug/L	97
37) 1,2-Dichloropropane	6.790	63	114642	5.374	ug/L	100
38) Bromodichloromethane	7.102	83	137039	5.260	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	138354	5.056	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	597281	55.826	ug/L	99
42) Toluene	7.967	91	458283	5.381	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	121632	5.319	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	82653	5.288	ug/L	99
47) Tetrachloroethene	8.552	164	78531	5.123	ug/L	97
48) 2-Hexanone	8.681	43	451147	56.968	ug/L	100
49) Dibromochloromethane	8.806	129	93983	5.263	ug/L	100
50) 1,2-Dibromoethane	8.922	107	75401	5.347	ug/L	94
51) Chlorobenzene	9.446	112	532102	9.926	ug/L	99
52) Ethylbenzene	9.568	91	433117	5.270	ug/L	100
53) m,p-Xylene	9.694	106	171433	5.371	ug/L	97
54) o-Xylene	10.099	106	168141	5.390	ug/L	98
55) Styrene	10.112	104	291034	5.580	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	108970	5.622	ug/L	99
59) Bromoform	10.288	173	53215	5.187	ug/L	99
60) Isopropylbenzene	10.481	105	415823	5.130	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	75463	5.256	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	104234	4.777	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	307551	4.888	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	213280	5.286	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	265602	6.565	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	233814	5.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15671	5.301	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	140070	4.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	107976	4.890	ug/L	98
71) Naphthalene	14.082	128	202520	4.914	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	110098	4.938	ug/L	99

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

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