Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
Data File : VU055449.D
Acq On : 21 Sep 2023 16:36
Operator : MD/SY
Sample : 04562-04MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCJL2MSD

Quant Time: Sep 22 02:35:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 22 02:32:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98424	3.800	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.911	69	97239	4.261	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.563	65	46076	4.322	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.400%			
20) 2-Butanone-d5	4.624	46	257953	55.143	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.280%			
24) Chloroform-d	5.059	84	232074	4.954	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.698	65	113881	5.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	5.724	84	443269	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	6.685	67	134135	4.900	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.894	98	394632	4.726	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
43) trans-1,3-Dichloroprop...	8.177	79	49866	5.191	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.800%			
46) 2-Hexanone-d5	8.631	63	150814	51.614	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.220%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105193	5.128	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	142030	4.774	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	118796	4.762	ug/L	99
3) Chloromethane	1.515	50	110896	5.053	ug/L	99
5) Vinyl chloride	1.602	62	117441	4.960	ug/L	99
6) Bromomethane	1.856	94	80521	5.354	ug/L	98
8) Chloroethane	1.930	64	79164	5.124	ug/L	95
9) Trichlorofluoromethane	2.136	101	165337	5.036	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	105233	5.267	ug/L	99
12) 1,1-Dichloroethene	2.576	96	93311	5.208	ug/L	90
13) Acetone	2.637	43	143102	53.666	ug/L	98
14) Carbon disulfide	2.789	76	364783	6.773	ug/L	98
15) Methyl Acetate	2.949	43	30698	5.049	ug/L	95
16) Methylene chloride	3.039	84	103121	4.804	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	217283	5.591	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	96267	5.331	ug/L	96
19) 1,1-Dichloroethane	3.866	63	177922	5.328	ug/L	97
21) 2-Butanone	4.705	43	202872	51.873	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	105770	5.052	ug/L	97
23) Bromochloromethane	4.972	128	46465	5.251	ug/L	93
25) Chloroform	5.084	83	193269	5.466	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	118035	5.443	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	166178	5.565	ug/L	99
30) Cyclohexane	5.383	56	141423	5.174	ug/L	99
31) Carbon tetrachloride	5.522	117	142604	5.572	ug/L	99
33) Benzene	5.769	78	410307	5.443	ug/L	100
34) Trichloroethene	6.538	95	321749	15.088	ug/L	99
35) Methylcyclohexane	6.759	83	157985	5.143	ug/L	98
37) 1,2-Dichloropropane	6.788	63	101549	5.151	ug/L	99
38) Bromodichloromethane	7.103	83	125861	5.447	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	146034	5.550	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	479824	53.650	ug/L	99
42) Toluene	7.965	91	431953	5.372	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	112503	5.344	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	72090	5.215	ug/L	98
47) Tetrachloroethene	8.550	164	84729	5.539	ug/L	98
48) 2-Hexanone	8.682	43	381562	55.048	ug/L	99
49) Dibromochloromethane	8.808	129	79033	5.454	ug/L	93
50) 1,2-Dibromoethane	8.920	107	68651	5.351	ug/L	99
51) Chlorobenzene	9.444	112	267214	5.188	ug/L	99
52) Ethylbenzene	9.566	91	455976	5.289	ug/L	98
53) m,p-Xylene	9.692	106	172707	5.346	ug/L	100
54) o-Xylene	10.097	106	169583	5.399	ug/L	97
55) Styrene	10.113	104	282726	5.567	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	82078	5.259	ug/L	98
59) Bromoform	10.287	173	42484	5.377	ug/L	99
60) Isopropylbenzene	10.483	105	446348	5.254	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59923	5.208	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	353443	5.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	346857	5.216	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	219145	5.388	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	209278	5.148	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	196883	5.280	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11553	5.792	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	145345	5.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	110343	5.167	ug/L	99
71) Naphthalene	14.084	128	165410	5.351	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	97917	5.270	ug/L	99

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

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