Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
Data File : VU055566.D
Acq On : 27 Sep 2023 21:15
Operator : MD/SY
Sample : 04530-08MSD 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

Quant Time: Sep 27 23:38:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	131370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90990	4.165	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.200%			
7) Chloroethane-d5	1.910	69	75294	3.911	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%			
11) 1,1-Dichloroethene-d2	2.563	65	35379	3.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.600%			
20) 2-Butanone-d5	4.627	46	175063	44.365	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.720%			
24) Chloroform-d	5.058	84	171515	4.340	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	5.698	65	79536	4.184	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
32) Benzene-d6	5.724	84	329839	4.165	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.685	67	99601	4.209	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.200%			
41) Toluene-d8	7.894	98	305920	4.238	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.177	79	37111	4.469	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.630	63	105420	41.734	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.460%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81305	4.584	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	112787	4.254	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	89589	4.257	ug/L	99
3) Chloromethane	1.518	50	92505	4.997	ug/L	97
5) Vinyl chloride	1.602	62	340200	17.033	ug/L	99
6) Bromomethane	1.856	94	56739	4.473	ug/L	99
8) Chloroethane	1.933	64	61227	4.698	ug/L	96
9) Trichlorofluoromethane	2.136	101	137471	4.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	78735	4.672	ug/L	98
12) 1,1-Dichloroethene	2.579	96	72203	4.778	ug/L	90
13) Acetone	2.637	43	98089	43.608	ug/L	99
14) Carbon disulfide	2.791	76	223967	4.930	ug/L	99
15) Methyl Acetate	2.952	43	25932	5.057	ug/L	98
16) Methylene chloride	3.042	84	86699	4.788	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	160189	4.886	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	75799	4.976	ug/L	99
19) 1,1-Dichloroethane	3.865	63	143464	5.093	ug/L	96
21) 2-Butanone	4.708	43	163729	49.629	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	325613	18.437	ug/L	98
23) Bromochloromethane	4.971	128	37482	5.021	ug/L	97
25) Chloroform	5.084	83	149858	5.024	ug/L	99

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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	5.791	62	87893	4.805	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	127829	4.952	ug/L	98
30) Cyclohexane	5.386	56	107805	4.562	ug/L	99
31) Carbon tetrachloride	5.521	117	111252	5.028	ug/L	98
33) Benzene	5.769	78	324101	4.973	ug/L	100
34) Trichloroethene	6.537	95	84214	4.568	ug/L	97
35) Methylcyclohexane	6.759	83	114198	4.300	ug/L	98
37) 1,2-Dichloropropane	6.785	63	83244	4.884	ug/L	98
38) Bromodichloromethane	7.103	83	104323	5.223	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	115239	5.066	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	394816	51.066	ug/L	100
42) Toluene	7.965	91	346957	4.991	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	94393	5.186	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	60812	5.089	ug/L	98
47) Tetrachloroethene	8.550	164	66143	5.002	ug/L	97
48) 2-Hexanone	8.682	43	297540	49.656	ug/L	98
49) Dibromochloromethane	8.807	129	69214	5.525	ug/L	90
50) 1,2-Dibromoethane	8.920	107	56725	5.115	ug/L	99
51) Chlorobenzene	9.444	112	219033	4.919	ug/L	99
52) Ethylbenzene	9.566	91	366804	4.922	ug/L	98
53) m,p-Xylene	9.692	106	142192	5.091	ug/L	98
54) o-Xylene	10.097	106	135614	4.994	ug/L	95
55) Styrene	10.113	104	229703	5.232	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	71972	5.335	ug/L	99
59) Bromoform	10.290	173	37634	5.345	ug/L	98
60) Isopropylbenzene	10.482	105	361733	4.778	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	51171	4.990	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	283233	4.678	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	277930	4.690	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	182213	5.027	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	179398	4.952	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	167174	5.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8957	5.039	ug/L	95
69) 1,3,5-Trichlorobenzene	13.215	180	122402	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	93896	4.934	ug/L	100
71) Naphthalene	14.084	128	132951	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	82418	4.977	ug/L	98

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

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