Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051702.D
Acq On : 02 Nov 2022 19:51
Operator : JC/MD
Sample : N5321-22MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWU9MSD

Quant Time: Nov 03 01:51:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72754	4.998	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.000%			
7) Chloroethane-d5	1.906	69	66929	4.409	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.200%			
11) 1,1-Dichloroethene-d2	2.562	65	28897	5.470	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.400%			
20) 2-Butanone-d5	4.620	46	206024	39.084	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.160%			
24) Chloroform-d	5.060	84	155637	4.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	5.700	65	76029	4.132	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
32) Benzene-d6	5.726	84	300562	4.690	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	6.687	67	97361	4.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.000%			
41) Toluene-d8	7.896	98	277293	5.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	8.179	79	30730	4.485	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.800%			
46) 2-Hexanone-d5	8.629	63	176233	42.729	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.460%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90689	4.417	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	99608	5.026	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	103834	4.913	ug/L	100
3) Chloromethane	1.526	50	128924	4.839	ug/L	99
5) Vinyl chloride	1.600	62	131168	5.139	ug/L #	1
6) Bromomethane	1.845	94	35492	2.933	ug/L	100
8) Chloroethane	1.928	64	80003	5.162	ug/L	83
9) Trichlorofluoromethane	2.134	101	143702	5.129	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	80284	4.874	ug/L	99
12) 1,1-Dichloroethene	2.575	96	83539	4.972	ug/L	91
13) Acetone	2.620	43	154298	57.690	ug/L	98
14) Carbon disulfide	2.790	76	267074	4.931	ug/L	99
15) Methyl Acetate	2.948	43	25928	3.703	ug/L	96
16) Methylene chloride	3.041	84	109867	3.992	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	216876	5.629	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	95163	5.278	ug/L	99
19) 1,1-Dichloroethane	3.867	63	182907	5.500	ug/L	99
21) 2-Butanone	4.697	43	262404	62.649	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	111899	5.609	ug/L	99
23) Bromochloromethane	4.970	128	50246	5.386	ug/L	96
25) Chloroform	5.086	83	185714	5.383	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	116518	5.488	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	144386	5.237	ug/L	99
30) Cyclohexane	5.385	56	120487	4.746	ug/L	99
31) Carbon tetrachloride	5.523	117	118224	5.014	ug/L	100
33) Benzene	5.771	78	421334	5.258	ug/L	100
34) Trichloroethene	6.539	95	101618	5.255	ug/L	99
35) Methylcyclohexane	6.761	83	120837	4.519	ug/L	99
37) 1,2-Dichloropropane	6.790	63	110366	5.355	ug/L	99
38) Bromodichloromethane	7.105	83	136605	5.426	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	122225	4.622	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	629871	60.928	ug/L	100
42) Toluene	7.967	91	440113	5.348	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	109096	4.937	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	85188	5.640	ug/L	99
47) Tetrachloroethene	8.552	164	74033	4.999	ug/L	94
48) 2-Hexanone	8.681	43	471539	61.622	ug/L	99
49) Dibromochloromethane	8.806	129	93465	5.417	ug/L	97
50) 1,2-Dibromoethane	8.922	107	76155	5.589	ug/L	94
51) Chlorobenzene	9.446	112	274726	5.304	ug/L	99
52) Ethylbenzene	9.568	91	417352	5.256	ug/L	99
53) m,p-Xylene	9.693	106	164681	5.339	ug/L	100
54) o-Xylene	10.098	106	165297	5.484	ug/L	99
55) Styrene	10.111	104	278563	5.528	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	112516	6.008	ug/L	100
59) Bromoform	10.288	173	53525	5.365	ug/L	97
60) Isopropylbenzene	10.481	105	407412	5.168	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	75650	5.418	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	102486	4.829	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	302190	4.938	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	206010	5.249	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	199388	5.067	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	203369	5.320	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	16305	5.671	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	135339	4.838	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	106895	4.978	ug/L	98
71) Naphthalene	14.085	128	209441	5.225	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	112317	5.179	ug/L	99

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

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