Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051721.D
Acq On : 03 Nov 2022 04:23
Operator : JC/MD
Sample : N5301-25MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

Quant Time: Nov 03 05:45:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	187846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63951	4.768	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.400%			
7) Chloroethane-d5	1.909	69	59305	4.240	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.565	65	25119	5.161	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.200%			
20) 2-Butanone-d5	4.620	46	180862	37.237	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.480%			
24) Chloroform-d	5.060	84	143833	4.583	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.700	65	69119	4.077	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
32) Benzene-d6	5.726	84	264930	4.469	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.687	67	89501	4.318	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.400%			
41) Toluene-d8	7.896	98	241203	5.174	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
43) trans-1,3-Dichloroprop...	8.176	79	29022	4.579	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.600%			
46) 2-Hexanone-d5	8.629	63	151106	39.605	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.200%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81462	4.289	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	90834	4.659	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	103635	5.322	ug/L	99
3) Chloromethane	1.523	50	116453	4.744	ug/L	99
5) Vinyl chloride	1.604	62	148855	6.330	ug/L #	26
6) Bromomethane	1.855	94	31999	2.870	ug/L	97
8) Chloroethane	1.932	64	76549	5.361	ug/L	87
9) Trichlorofluoromethane	2.137	101	141803	5.493	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83715	5.516	ug/L	99
12) 1,1-Dichloroethene	2.578	96	89636	5.790	ug/L	97
13) Acetone	2.623	43	141526	57.428	ug/L	99
14) Carbon disulfide	2.790	76	270327	5.417	ug/L	98
15) Methyl Acetate	2.948	43	30675	4.754	ug/L	97
16) Methylene chloride	3.044	84	105640	4.166	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	202347	5.700	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	257212	15.482	ug/L	99
19) 1,1-Dichloroethane	3.867	63	177510	5.793	ug/L	99
21) 2-Butanone	4.697	43	239312	62.009	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	1289710	70.156	ug/L	99
23) Bromochloromethane	4.970	128	48936	5.693	ug/L	97
25) Chloroform	5.086	83	180718	5.685	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	114013	5.828	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	139631	5.475	ug/L	100
30) Cyclohexane	5.385	56	123108	5.242	ug/L	99
31) Carbon tetrachloride	5.523	117	117672	5.395	ug/L	99
33) Benzene	5.771	78	410650	5.540	ug/L	100
34) Trichloroethene	6.539	95	101343	5.665	ug/L	98
35) Methylcyclohexane	6.761	83	122932	4.970	ug/L	97
37) 1,2-Dichloropropane	6.787	63	105810	5.549	ug/L	100
38) Bromodichloromethane	7.102	83	132887	5.706	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	125435	5.128	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	561137	58.676	ug/L	99
42) Toluene	7.967	91	435561	5.721	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	107734	5.270	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	78795	5.640	ug/L	99
47) Tetrachloroethene	8.552	164	72552	5.295	ug/L	97
48) 2-Hexanone	8.681	43	417714	59.009	ug/L	99
49) Dibromochloromethane	8.809	129	89160	5.586	ug/L	98
50) 1,2-Dibromoethane	8.922	107	72520	5.753	ug/L	100
51) Chlorobenzene	9.446	112	270544	5.646	ug/L	99
52) Ethylbenzene	9.568	91	400658	5.454	ug/L	100
53) m,p-Xylene	9.693	106	162709	5.703	ug/L	99
54) o-Xylene	10.099	106	157511	5.649	ug/L	98
55) Styrene	10.111	104	275900	5.918	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103087	5.950	ug/L	96
59) Bromoform	10.288	173	50762	5.172	ug/L	99
60) Isopropylbenzene	10.481	105	398058	5.133	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	70888	5.161	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	98143	4.701	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	292266	4.855	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	203974	5.284	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	209820	5.421	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	200435	5.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14522	5.134	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	141221	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	112459	5.323	ug/L	97
71) Naphthalene	14.086	128	194759	4.939	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	112847	5.290	ug/L	100

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

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