Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101322\
Data File : VU051420.D
Acq On : 13 Oct 2022 20:47
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01019

Quant Time: Oct 14 02:00:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 14 01:20:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	88386	4.818	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.400%			
7) Chloroethane-d5	1.909	69	70158	4.451	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.562	65	31931	4.403	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.000%			
20) 2-Butanone-d5	4.636	46	201748	49.951	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.900%			
24) Chloroform-d	5.060	84	156864	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.700	65	83186	4.716	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
32) Benzene-d6	5.726	84	294271	4.521	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.691	67	97566	4.414	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.896	98	263356	4.522	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	8.179	79	34477	4.747	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.633	63	136460	55.749	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.500%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86297	4.887	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	81390	4.145	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	83095	4.479	ug/L	99
3) Chloromethane	1.520	50	106050	4.071	ug/L	98
5) Vinyl chloride	1.601	62	109539	4.287	ug/L	97
6) Bromomethane	1.855	94	64176	4.613	ug/L	97
8) Chloroethane	1.932	64	70291	4.314	ug/L	99
9) Trichlorofluoromethane	2.135	101	120928	4.106	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	83709	4.736	ug/L	98
12) 1,1-Dichloroethene	2.575	96	75445	4.549	ug/L	97
13) Acetone	2.652	43	159616	52.691	ug/L	100
14) Carbon disulfide	2.787	76	218945	4.310	ug/L	99
15) Methyl Acetate	2.961	43	38415	5.216	ug/L	95
16) Methylene chloride	3.041	84	106638	4.355	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	178642	4.702	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	79980	4.584	ug/L	97
19) 1,1-Dichloroethane	3.868	63	174129	4.836	ug/L	98
21) 2-Butanone	4.716	43	254133	53.231	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	90183	4.666	ug/L	95
23) Bromochloromethane	4.974	128	45290	4.911	ug/L	96
25) Chloroform	5.086	83	180591	4.802	ug/L	100

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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	5.794	62	109619	4.866	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	136248	4.806	ug/L	98
30) Cyclohexane	5.385	56	101562	4.224	ug/L	95
31) Carbon tetrachloride	5.523	117	115062	4.796	ug/L	98
33) Benzene	5.771	78	374371	4.739	ug/L	100
34) Trichloroethene	6.539	95	90846	4.610	ug/L	99
35) Methylcyclohexane	6.761	83	103475	4.162	ug/L	98
37) 1,2-Dichloropropane	6.790	63	105644	4.880	ug/L	99
38) Bromodichloromethane	7.105	83	126540	4.900	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	118721	4.562	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	611625	53.846	ug/L	99
42) Toluene	7.967	91	390881	4.662	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	110206	4.897	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	76009	5.000	ug/L	98
47) Tetrachloroethene	8.552	164	64074	4.422	ug/L	98
48) 2-Hexanone	8.684	43	473242	55.955	ug/L	98
49) Dibromochloromethane	8.806	129	85351	5.000	ug/L	98
50) 1,2-Dibromoethane	8.922	107	69189	5.113	ug/L	99
51) Chlorobenzene	9.446	112	233760	4.666	ug/L	97
52) Ethylbenzene	9.568	91	336616	4.468	ug/L	97
53) m,p-Xylene	9.694	106	128859	4.410	ug/L	98
54) o-Xylene	10.099	106	126778	4.585	ug/L	99
55) Styrene	10.112	104	227869	4.788	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98002	5.208	ug/L	99
59) Bromoform	10.289	173	46208	4.917	ug/L	100
60) Isopropylbenzene	10.481	105	324032	4.529	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	71599	5.019	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	78696	4.146	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	215361	4.012	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	162765	4.599	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	160033	4.587	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	160864	4.675	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	14285	5.235	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	107216	4.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	76551	4.415	ug/L	100
71) Naphthalene	14.086	128	135479	4.204	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	80575	4.492	ug/L	100

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

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