Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
Data File : VU052480.D
Acq On : 21 Dec 2022 16:34
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005112

Quant Time: Dec 22 00:31:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 22 00:28:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170403	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84138	4.874	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.400%			
7) Chloroethane-d5	1.916	69	73291	4.923	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.400%			
11) 1,1-Dichloroethene-d2	2.568	65	35027	4.715	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.400%			
20) 2-Butanone-d5	4.632	46	260824	48.720	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.440%			
24) Chloroform-d	5.060	84	145854	5.007	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.700	65	83228	4.926	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.726	84	290901	5.088	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.687	67	98744	5.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.400%			
41) Toluene-d8	7.896	98	261663	5.452	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.000%			
43) trans-1,3-Dichloroprop...	8.176	79	35921	5.331	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.600%			
46) 2-Hexanone-d5	8.632	63	189699	51.453	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.900%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82630	4.945	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	87110	4.842	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	79148	5.220	ug/L	99
3) Chloromethane	1.520	50	109180	4.989	ug/L	99
5) Vinyl chloride	1.604	62	103513	5.218	ug/L	98
6) Bromomethane	1.858	94	55376	4.896	ug/L	97
8) Chloroethane	1.935	64	64354	4.736	ug/L	97
9) Trichlorofluoromethane	2.141	101	119581	5.331	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	69212	5.191	ug/L	100
12) 1,1-Dichloroethene	2.581	96	65495	5.132	ug/L	96
13) Acetone	2.649	43	188768	47.831	ug/L	98
14) Carbon disulfide	2.793	76	214747	5.222	ug/L	99
15) Methyl Acetate	2.957	43	40206	4.624	ug/L	95
16) Methylene chloride	3.044	84	180668	10.022	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	167386	4.913	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	68562	5.213	ug/L	96
19) 1,1-Dichloroethane	3.867	63	149666	5.232	ug/L	98
21) 2-Butanone	4.713	43	289275	49.769	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	75976	5.264	ug/L	99
23) Bromochloromethane	4.973	128	34999	5.232	ug/L	96
25) Chloroform	5.086	83	141116	5.092	ug/L	100

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Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005112

Quant Time: Dec 22 00:31:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 22 00:28:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	97501	5.092	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	111392	5.308	ug/L	99
30) Cyclohexane	5.388	56	119540	5.271	ug/L	98
31) Carbon tetrachloride	5.523	117	95982	5.205	ug/L	100
33) Benzene	5.771	78	317938	5.293	ug/L	100
34) Trichloroethene	6.539	95	71823	5.115	ug/L	99
35) Methylcyclohexane	6.761	83	112886	5.332	ug/L	98
37) 1,2-Dichloropropane	6.787	63	88049	5.254	ug/L	100
38) Bromodichloromethane	7.102	83	103903	5.094	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	109880	5.176	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	629361	51.388	ug/L	99
42) Toluene	7.967	91	319126	5.542	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	98481	5.265	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	59540	5.016	ug/L	95
47) Tetrachloroethene	8.552	164	51662	5.271	ug/L	98
48) 2-Hexanone	8.681	43	491248	53.212	ug/L	99
49) Dibromochloromethane	8.806	129	64806	5.156	ug/L	98
50) 1,2-Dibromoethane	8.922	107	54536	5.054	ug/L	97
51) Chlorobenzene	9.443	112	187875	5.109	ug/L	98
52) Ethylbenzene	9.568	91	306716	5.147	ug/L	99
53) m,p-Xylene	9.690	106	120262	5.473	ug/L	98
54) o-Xylene	10.098	106	113979	5.411	ug/L	100
55) Styrene	10.111	104	204030	5.567	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	80291	4.893	ug/L	99
59) Bromoform	10.288	173	35671	4.595	ug/L	99
60) Isopropylbenzene	10.481	105	295555	5.160	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	57997	4.576	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	236289	5.002	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	243909	5.129	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	143420	5.047	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	142683	4.855	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	135455	4.824	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13147	4.583	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	100461	4.801	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	83527	4.744	ug/L	96
71) Naphthalene	14.082	128	146677	4.117	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	82069	4.650	ug/L	98

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

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