Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057134.D
Acq On : 21 Dec 2023 14:04
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV016

Quant Time: Dec 21 23:23:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 23:17:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	184480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	88804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90003	5.104	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.000%			
7) Chloroethane-d5	1.914	69	75564	5.206	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.200%			
11) 1,1-Dichloroethene-d2	2.560	65	39456	5.165	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.200%			
20) 2-Butanone-d5	4.628	46	150315	54.295	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.600%			
24) Chloroform-d	5.055	84	173771	5.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.695	65	81522	5.023	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	5.721	84	320901	5.296	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	6.686	67	88277	5.120	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.400%			
41) Toluene-d8	7.894	98	293526	5.306	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
43) trans-1,3-Dichloroprop...	8.177	79	37642	5.245	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.800%			
46) 2-Hexanone-d5	8.637	63	141883	58.060	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.120%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68790	5.607	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	99489	5.206	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	85183	4.938	ug/L	99
3) Chloromethane	1.519	50	75474	4.992	ug/L	98
5) Vinyl chloride	1.602	62	84254	5.224	ug/L	99
6) Bromomethane	1.856	94	38860	5.510	ug/L	96
8) Chloroethane	1.933	64	50736	4.955	ug/L	99
9) Trichlorofluoromethane	2.133	101	144748	4.885	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	77198	5.032	ug/L	97
12) 1,1-Dichloroethene	2.573	96	66913	4.851	ug/L	93
13) Acetone	2.641	43	89146	53.557	ug/L	97
14) Carbon disulfide	2.789	76	193945	4.469	ug/L	99
15) Methyl Acetate	2.949	43	21783	5.549	ug/L	94
16) Methylene chloride	3.039	84	85726	5.347	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	153589	5.244	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	67957	5.053	ug/L	98
19) 1,1-Dichloroethane	3.862	63	131790	4.938	ug/L	98
21) 2-Butanone	4.708	43	129789	51.163	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	76088	5.137	ug/L	97
23) Bromochloromethane	4.969	128	31963	4.980	ug/L	98
25) Chloroform	5.081	83	147858	4.911	ug/L	99

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ClientSampleId :
VICV016

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	88000	4.954	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	138185	4.922	ug/L	99
30) Cyclohexane	5.383	56	102110	5.380	ug/L	97
31) Carbon tetrachloride	5.518	117	119749	4.849	ug/L	97
33) Benzene	5.766	78	285150	5.092	ug/L	100
34) Trichloroethene	6.541	95	81349	4.967	ug/L	97
35) Methylcyclohexane	6.759	83	115673	5.365	ug/L	98
37) 1,2-Dichloropropane	6.785	63	72624	5.213	ug/L	99
38) Bromodichloromethane	7.100	83	102478	5.085	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	111947	5.342	ug/L	97
40) 4-Methyl-2-pentanone	7.792	43	336508	55.569	ug/L	98
42) Toluene	7.965	91	311557	5.249	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	93192	5.211	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	50842	5.290	ug/L	97
47) Tetrachloroethene	8.550	164	58252	4.964	ug/L	98
48) 2-Hexanone	8.685	43	248119	55.689	ug/L	98
49) Dibromochloromethane	8.804	129	62633	5.027	ug/L	100
50) 1,2-Dibromoethane	8.920	107	46777	5.184	ug/L	99
51) Chlorobenzene	9.444	112	203401	5.266	ug/L	96
52) Ethylbenzene	9.566	91	354863	5.306	ug/L	97
53) m,p-Xylene	9.692	106	134339	5.492	ug/L	96
54) o-Xylene	10.097	106	127195	5.389	ug/L	97
55) Styrene	10.113	104	220682	5.669	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	62633	5.405	ug/L	95
59) Bromoform	10.290	173	38768	5.689	ug/L	94
60) Isopropylbenzene	10.480	105	362562	5.537	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	44461	5.373	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	298305	5.560	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	303738	5.737	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	165101	5.335	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	163090	5.235	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	148304	5.358	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9355	4.985	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	126234	5.483	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	97828	5.427	ug/L	99
71) Naphthalene	14.084	128	137625	6.035	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	79207	5.633	ug/L	98

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

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