Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
Data File : VU055362.D
Acq On : 16 Sep 2023 01:07
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

Quant Time: Sep 16 01:25:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 16 00:42:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54541	4.978	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.911	69	61192	4.948	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.000%			
11) 1,1-Dichloroethene-d2	2.563	65	20071	5.064	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.200%			
20) 2-Butanone-d5	4.628	46	177857	58.698	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.400%			
24) Chloroform-d	5.058	84	128368	5.245	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.000%			
26) 1,2-Dichloroethane-d4	5.701	65	66791	5.409	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.200%			
32) Benzene-d6	5.724	84	218221	5.072	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
36) 1,2-Dichloropropane-d6	6.689	67	75238	5.132	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.600%			
41) Toluene-d8	7.894	98	194387	5.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
43) trans-1,3-Dichloroprop...	8.177	79	25279	4.859	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.200%			
46) 2-Hexanone-d5	8.631	63	110235	58.243	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.480%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72218	5.665	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	76435	5.325	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	90683	4.985	ug/L	99
3) Chloromethane	1.515	50	89322	5.102	ug/L	94
5) Vinyl chloride	1.602	62	94228	4.985	ug/L	100
6) Bromomethane	1.856	94	66579	4.618	ug/L	94
8) Chloroethane	1.933	64	75330	4.954	ug/L	97
9) Trichlorofluoromethane	2.136	101	152741	5.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	74010	4.906	ug/L	98
12) 1,1-Dichloroethene	2.576	96	67971	5.071	ug/L	95
13) Acetone	2.640	43	99901	51.126	ug/L	99
14) Carbon disulfide	2.792	76	205898	4.859	ug/L	99
15) Methyl Acetate	2.952	43	27759	6.018	ug/L	97
16) Methylene chloride	3.042	84	103828	5.199	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	167559	5.214	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	73238	4.969	ug/L	95
19) 1,1-Dichloroethane	3.865	63	145610	5.079	ug/L	99
21) 2-Butanone	4.708	43	171971	53.160	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	84107	4.873	ug/L	97
23) Bromochloromethane	4.972	128	37115	5.290	ug/L	96
25) Chloroform	5.084	83	156738	5.049	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.791	62	97095	5.045	ug/L		98
29) 1,1,1-Trichloroethane	5.312	97	129621	4.970	ug/L		99
30) Cyclohexane	5.386	56	118185	4.800	ug/L		98
31) Carbon tetrachloride	5.521	117	108005	4.868	ug/L		96
33) Benzene	5.769	78	341813	5.031	ug/L		100
34) Trichloroethene	6.541	95	91505	4.732	ug/L		96
35) Methylcyclohexane	6.762	83	130861	4.656	ug/L		99
37) 1,2-Dichloropropane	6.788	63	89063	4.992	ug/L		100
38) Bromodichloromethane	7.103	83	107016	5.027	ug/L		95
39) cis-1,3-Dichloropropene	7.605	75	114457	4.720	ug/L		100
40) 4-Methyl-2-pentanone	7.788	43	456458	53.916	ug/L		99
42) Toluene	7.965	91	382546	5.138	ug/L		100
44) trans-1,3-Dichloropropene	8.209	75	95714	5.034	ug/L		98
45) 1,1,2-Trichloroethane	8.396	97	64843	5.243	ug/L		97
47) Tetrachloroethene	8.550	164	61265	4.623	ug/L		96
48) 2-Hexanone	8.682	43	336330	52.712	ug/L		97
49) Dibromochloromethane	8.807	129	65400	5.168	ug/L		99
50) 1,2-Dibromoethane	8.920	107	61864	5.364	ug/L	#	97
51) Chlorobenzene	9.444	112	239462	4.986	ug/L		97
52) Ethylbenzene	9.566	91	412271	5.043	ug/L		99
53) m,p-Xylene	9.692	106	157948	5.108	ug/L		97
54) o-Xylene	10.097	106	152582	5.201	ug/L		94
55) Styrene	10.113	104	258228	5.270	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.778	83	74280	5.461	ug/L	#	94
59) Bromoform	10.286	173	32732	5.044	ug/L		97
60) Isopropylbenzene	10.479	105	404832	4.974	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	55443	5.136	ug/L		97
62) 1,3,5-Trimethylbenzene	11.087	105	307885	4.921	ug/L		98
63) 1,2,4-Trimethylbenzene	11.466	105	318457	5.014	ug/L		98
64) 1,3-Dichlorobenzene	11.743	146	184063	4.909	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	182580	4.982	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	169359	5.038	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.994	75	9448	5.118	ug/L		85
69) 1,3,5-Trichlorobenzene	13.216	180	118731	4.648	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	89051	4.543	ug/L		99
71) Naphthalene	14.084	128	124292	4.409	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	77490	4.566	ug/L		96

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

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