Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
Data File : VW027594.D
Acq On : 13 Dec 2023 14:33
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Quant Time: Dec 14 00:18:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 13 04:25:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249560	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99764	19.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.480%			
7) Chloroethane-d5	2.899	69	81451	22.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.480%			
11) 1,1-Dichloroethene-d2	4.021	65	46115	21.701	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.800%			
21) 2-Butanone-d5	7.075	46	70262	53.392	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.780%			
24) Chloroform-d	7.648	84	194277	26.080	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.320%			
26) 1,2-Dichloroethane-d4	8.307	65	99484	26.116	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.480%			
32) Benzene-d6	8.276	84	389200	24.822	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.280%			
36) 1,2-Dichloropropane-d6	9.270	67	119779	25.913	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.640%			
41) Toluene-d8	10.319	98	334013	24.347	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.400%			
43) trans-1,3-Dichloroprop...	10.575	79	44614	24.959	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.840%			
47) 2-Hexanone-d5	10.922	63	48223	55.992	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100171	26.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.400%			
66) 1,2-Dichlorobenzene-d4	13.849	152	102609	25.906	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80655	24.138	ug/L	98
3) Chloromethane	2.223	50	104398	25.510	ug/L	100
5) Vinyl chloride	2.369	62	119978	25.133	ug/L	99
6) Bromomethane	2.789	94	64369	25.694	ug/L	99
8) Chloroethane	2.930	64	67603	24.795	ug/L	99
9) Trichlorofluoromethane	3.271	101	112056	24.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88604	22.727	ug/L	99
12) 1,1-Dichloroethene	4.045	96	89012	25.006	ug/L	87
13) Acetone	4.119	43	71003	55.969	ug/L	99
14) Carbon disulfide	4.393	76	295722	27.491	ug/L	97
15) Methyl Acetate	4.673	43	48005	21.652	ug/L	99
16) Methylene chloride	4.917	84	99554	24.463	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93359	25.436	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	146866	24.807	ug/L	98
19) 1,1-Dichloroethane	6.216	63	186322	24.962	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	99028	25.123	ug/L	95
22) 2-Butanone	7.167	43	79549	48.605	ug/L	97
23) Bromochloromethane	7.514	128	38761	25.001	ug/L	96
25) Chloroform	7.679	83	169436	25.000	ug/L	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.398	62	110436	25.211	ug/L		98
29)	Cyclohexane	7.959	56	184117	25.156	ug/L		99
30)	1,1,1-Trichloroethane	7.874	97	149131	24.014	ug/L		99
31)	Carbon tetrachloride	8.069	117	129447	23.898	ug/L		97
33)	Benzene	8.325	78	388083	25.258	ug/L		100
34)	Trichloroethene	9.093	95	102554	24.436	ug/L		96
35)	Methylcyclohexane	9.337	83	194216	25.989	ug/L		99
37)	1,2-Dichloropropane	9.368	63	100888	24.869	ug/L		99
38)	Bromodichloromethane	9.642	83	114131	24.336	ug/L	#	96
39)	cis-1,3-Dichloropropene	10.069	75	150284	25.662	ug/L		96
40)	4-Methyl-2-pentanone	10.209	43	131101	47.810	ug/L		100
42)	Toluene	10.386	91	408288	25.124	ug/L		99
44)	trans-1,3-Dichloropropene	10.605	75	121420	25.702	ug/L		96
45)	1,1,2-Trichloroethane	10.782	97	67859	24.019	ug/L		96
46)	Tetrachloroethene	10.861	164	75275	25.159	ug/L		95
48)	2-Hexanone	10.965	43	99816	51.650	ug/L		99
49)	Dibromochloromethane	11.123	129	67627	24.216	ug/L		98
50)	1,2-Dibromoethane	11.233	107	63868	24.709	ug/L		99
51)	Chlorobenzene	11.654	112	238979	24.375	ug/L		98
52)	Ethylbenzene	11.727	91	451293	24.447	ug/L		92
53)	m,p-Xylene	11.837	106	172811	25.406	ug/L		99
54)	o-Xylene	12.166	106	158405	25.622	ug/L		89
55)	Styrene	12.178	104	269066	25.499	ug/L		95
57)	1,1,2,2-Tetrachloroethane	12.708	83	87255	23.723	ug/L		95
59)	Bromoform	12.349	173	37600	23.759	ug/L	#	99
60)	Isopropylbenzene	12.459	105	455413	24.411	ug/L		100
61)	1,2,3-Trichloropropane	12.763	75	63662	23.359	ug/L		100
62)	1,3,5-Trimethylbenzene	12.940	105	332919	24.127	ug/L		100
63)	1,2,4-Trimethylbenzene	13.245	105	341736	24.867	ug/L		98
64)	1,3-Dichlorobenzene	13.495	146	171921	24.058	ug/L		97
65)	1,4-Dichlorobenzene	13.574	146	170846	23.969	ug/L		92
67)	1,2-Dichlorobenzene	13.867	146	153411	23.829	ug/L		95
68)	1,2-Dibromo-3-chloropr...	14.476	75	13420	20.472	ug/L	#	85
69)	1,3,5-Trichlorobenzene	14.623	180	106337	22.129	ug/L		96
70)	1,2,4-trichlorobenzene	15.129	180	90341	24.210	ug/L		97
71)	Naphthalene	15.360	128	185686	23.658	ug/L		99
72)	1,2,3-Trichlorobenzene	15.549	180	77617	24.281	ug/L		98

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

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