Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041522\
Data File : VW022551.D
Acq On : 15 Apr 2022 09:29
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025488

Quant Time: Apr 15 23:14:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 15 01:29:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	319283	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	311609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112391	15.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.680%			
7) Chloroethane-d5	2.885	69	83584	18.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.560%			
11) 1,1-Dichloroethene-d2	4.019	63	177193	19.355	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.440%			
21) 2-Butanone-d5	7.073	46	71049	57.656	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.320%			
24) Chloroform-d	7.646	84	246268	24.677	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.720%			
26) 1,2-Dichloroethane-d4	8.305	65	134262	23.546	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.200%			
32) Benzene-d6	8.274	84	421429	22.136	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.560%			
36) 1,2-Dichloropropane-d6	9.274	67	131346	23.840	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.360%			
41) Toluene-d8	10.323	98	400273	21.467	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.880%			
43) trans-1,3-Dichloroprop...	10.579	79	58142	22.361	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.440%			
47) 2-Hexanone-d5	10.920	63	58879	57.441	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.880%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136493	29.137	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	161932	26.525	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	37129	23.723	ug/L	97
3) Chloromethane	2.220	50	76275	19.546	ug/L	99
5) Vinyl chloride	2.361	62	176181	21.637	ug/L	96
6) Bromomethane	2.775	94	105956	21.406	ug/L	92
8) Chloroethane	2.922	64	76280	21.398	ug/L	98
9) Trichlorofluoromethane	3.263	101	76689	25.511	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119023	24.865	ug/L	97
12) 1,1-Dichloroethene	4.037	96	107152	24.925	ug/L	90
13) Acetone	4.123	43	45263	53.947	ug/L	96
14) Carbon disulfide	4.385	76	280861	19.860	ug/L	99
15) Methyl Acetate	4.671	43	45277	21.504	ug/L	95
16) Methylene chloride	4.915	84	112630	23.443	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	121081	24.043	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	191740	23.313	ug/L	96
19) 1,1-Dichloroethane	6.214	63	215331	23.434	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133059	25.017	ug/L #	93
22) 2-Butanone	7.171	43	63537	50.139	ug/L	96
23) Bromochloromethane	7.512	128	58497	25.555	ug/L	90
25) Chloroform	7.677	83	237093	24.498	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.396	62	158299	23.271	ug/L		98
29)	Cyclohexane	7.957	56	187982	21.078	ug/L		94
30)	1,1,1-Trichloroethane	7.872	97	203812	23.579	ug/L		98
31)	Carbon tetrachloride	8.067	117	191325	24.661	ug/L		98
33)	Benzene	8.323	78	493011	23.303	ug/L		100
34)	Trichloroethene	9.091	95	135658	23.948	ug/L		98
35)	Methylcyclohexane	9.335	83	226560	22.292	ug/L		96
37)	1,2-Dichloropropane	9.366	63	121124	23.898	ug/L		99
38)	Bromodichloromethane	9.646	83	174915	23.999	ug/L		99
39)	cis-1,3-Dichloropropene	10.073	75	191999	23.873	ug/L		99
40)	4-Methyl-2-pentanone	10.207	43	142442	46.052	ug/L		95
42)	Toluene	10.384	91	564523	23.286	ug/L		94
44)	trans-1,3-Dichloropropene	10.603	75	169245	23.502	ug/L		99
45)	1,1,2-Trichloroethane	10.786	97	96177	24.864	ug/L		98
46)	Tetrachloroethene	10.865	164	101040	24.265	ug/L		85
48)	2-Hexanone	10.969	43	101684	46.599	ug/L	#	92
49)	Dibromochloromethane	11.127	129	121880	26.420	ug/L		91
50)	1,2-Dibromoethane	11.231	107	94214	24.666	ug/L		96
51)	Chlorobenzene	11.652	112	363151	24.513	ug/L		96
52)	Ethylbenzene	11.731	91	639930	23.550	ug/L		92
53)	m,p-Xylene	11.835	106	256131	24.790	ug/L		96
54)	o-Xylene	12.164	106	242557	24.567	ug/L		99
55)	Styrene	12.176	104	421118	24.964	ug/L		96
57)	1,1,2,2-Tetrachloroethane	12.712	83	120226	25.323	ug/L		98
59)	Bromoform	12.347	173	61041	23.833	ug/L		99
60)	Isopropylbenzene	12.463	105	680961	23.784	ug/L		98
61)	1,2,3-Trichloropropane	12.767	75	86916	23.706	ug/L		98
62)	1,3,5-Trimethylbenzene	12.938	105	386398	24.540	ug/L		98
63)	1,2,4-Trimethylbenzene	13.249	105	570041	23.807	ug/L		95
64)	1,3-Dichlorobenzene	13.499	146	289271	24.894	ug/L		94
65)	1,4-Dichlorobenzene	13.578	146	293691	25.343	ug/L		97
67)	1,2-Dichlorobenzene	13.865	146	262610	25.270	ug/L		96
68)	1,2-Dibromo-3-chloropr...	14.480	75	19106	22.469	ug/L		89
69)	1,3,5-Trichlorobenzene	14.627	180	197649	26.070	ug/L		95
70)	1,2,4-trichlorobenzene	15.127	180	151689	23.823	ug/L		91
71)	Naphthalene	15.358	128	338497	25.205	ug/L		99
72)	1,2,3-Trichlorobenzene	15.547	180	136737	25.124	ug/L		97

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

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