Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022450.D
Acq On : 08 Apr 2022 08:48
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

Quant Time: Apr 08 23:27:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346569	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342191	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169452	22.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.480%			
7) Chloroethane-d5	2.891	69	107045	22.293	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.160%			
11) 1,1-Dichloroethene-d2	4.019	63	229082	23.053	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.200%			
21) 2-Butanone-d5	7.074	46	73863	55.220	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.440%			
24) Chloroform-d	7.647	84	275494	25.432	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.720%			
26) 1,2-Dichloroethane-d4	8.305	65	161460	26.087	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.360%			
32) Benzene-d6	8.275	84	508903	24.342	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.360%			
36) 1,2-Dichloropropane-d6	9.274	67	155705	25.736	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.960%			
41) Toluene-d8	10.323	98	504987	24.663	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.640%			
43) trans-1,3-Dichloroprop...	10.573	79	74049	25.934	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.720%			
47) 2-Hexanone-d5	10.921	63	64634	57.420	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.840%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	149493	29.060	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.240%			
66) 1,2-Dichlorobenzene-d4	13.847	152	180656	27.308	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	30998	18.246	ug/L	96
3) Chloromethane	2.221	50	91585	21.622	ug/L	99
5) Vinyl chloride	2.367	62	208092	23.544	ug/L	98
6) Bromomethane	2.782	94	124084	23.095	ug/L	92
8) Chloroethane	2.922	64	90607	23.416	ug/L	99
9) Trichlorofluoromethane	3.263	101	75958	23.278	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	118821	22.868	ug/L	97
12) 1,1-Dichloroethene	4.038	96	111909	23.982	ug/L	92
13) Acetone	4.123	43	45569	50.036	ug/L	94
14) Carbon disulfide	4.385	76	363148	23.656	ug/L	98
15) Methyl Acetate	4.672	43	55986	24.497	ug/L	97
16) Methylene chloride	4.922	84	125431	24.052	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	130234	23.825	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	228061	25.546	ug/L	98
19) 1,1-Dichloroethane	6.214	63	239313	23.993	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	142519	24.686	ug/L #	95
22) 2-Butanone	7.171	43	72289	52.555	ug/L	99
23) Bromochloromethane	7.513	128	61697	24.831	ug/L	94
25) Chloroform	7.677	83	257350	24.497	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	187317	25.369	ug/L	99
29) Cyclohexane	7.958	56	229758	23.460	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	225432	23.749	ug/L	99
31) Carbon tetrachloride	8.067	117	201785	23.685	ug/L	99
33) Benzene	8.323	78	555480	23.910	ug/L	100
34) Trichloroethene	9.092	95	150419	24.181	ug/L	94
35) Methylcyclohexane	9.335	83	265485	23.788	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137694	24.740	ug/L	98
38) Bromodichloromethane	9.640	83	199414	24.915	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	229492	25.985	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	178657	52.598	ug/L	97
42) Toluene	10.384	91	645580	24.250	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	208759	26.399	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109370	25.748	ug/L	96
46) Tetrachloroethene	10.860	164	111216	24.322	ug/L	95
48) 2-Hexanone	10.963	43	123983	51.740	ug/L	96
49) Dibromochloromethane	11.128	129	132006	26.057	ug/L	97
50) 1,2-Dibromoethane	11.231	107	108846	25.950	ug/L	99
51) Chlorobenzene	11.652	112	406783	25.004	ug/L	98
52) Ethylbenzene	11.725	91	740280	24.808	ug/L	96
53) m,p-Xylene	11.835	106	286539	25.254	ug/L	84
54) o-Xylene	12.164	106	272940	25.173	ug/L	98
55) Styrene	12.176	104	477420	25.773	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	140601	26.968	ug/L	98
59) Bromoform	12.347	173	69227	24.943	ug/L	99
60) Isopropylbenzene	12.463	105	766480	24.704	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104186	26.223	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	428560	25.116	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	658266	25.370	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	315324	25.042	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	308589	24.573	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	288123	25.586	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24353	26.429	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	207552	25.263	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	169395	24.551	ug/L	94
71) Naphthalene	15.359	128	381966	26.247	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	148754	25.222	ug/L	96

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

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