Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102722\
Data File : VW024997.D
Acq On : 27 Oct 2022 14:42
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Quant Time: Oct 27 23:51:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 23:51:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	289803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	268967	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	132798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	75057	23.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.280%			
7) Chloroethane-d5	2.885	69	46569	24.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.760%			
11) 1,1-Dichloroethene-d2	4.019	63	203477	25.112	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.440%			
21) 2-Butanone-d5	7.080	46	48117	43.829	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.660%			
24) Chloroform-d	7.647	84	237091	26.957	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.840%			
26) 1,2-Dichloroethane-d4	8.305	65	130757	26.560	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.240%			
32) Benzene-d6	8.275	84	450594	26.137	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.560%			
36) 1,2-Dichloropropane-d6	9.275	67	128440	25.427	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.720%			
41) Toluene-d8	10.323	98	420812	26.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.880%			
43) trans-1,3-Dichloroprop...	10.573	79	57244	25.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.240%			
47) 2-Hexanone-d5	10.921	63	40367	46.262	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.520%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	97781	24.243	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	137238	26.892	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	20739	21.455	ug/L	98
3) Chloromethane	2.215	50	48426	20.829	ug/L	99
5) Vinyl chloride	2.361	62	70465	21.936	ug/L	96
6) Bromomethane	2.782	94	34915	21.780	ug/L	100
8) Chloroethane	2.922	64	30511	22.769	ug/L	100
9) Trichlorofluoromethane	3.263	101	65090	24.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	89754	23.520	ug/L	99
12) 1,1-Dichloroethene	4.044	96	84730	23.569	ug/L	94
13) Acetone	4.129	43	28846	36.987	ug/L	95
14) Carbon disulfide	4.385	76	241705	23.017	ug/L	98
15) Methyl Acetate	4.672	43	32266	20.780	ug/L	100
16) Methylene chloride	4.916	84	118551	23.040	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	94074	24.439	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	153554	23.780	ug/L	98
19) 1,1-Dichloroethane	6.220	63	172722	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	102230	24.366	ug/L	93
22) 2-Butanone	7.177	43	41958	35.908	ug/L	95
23) Bromochloromethane	7.513	128	42557	23.398	ug/L	95
25) Chloroform	7.677	83	188325	25.038	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	123951	24.295	ug/L		99
29) Cyclohexane	7.958	56	145023	22.835	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	165219	25.101	ug/L		97
31) Carbon tetrachloride	8.067	117	149035	25.339	ug/L		98
33) Benzene	8.323	78	390736	24.124	ug/L		100
34) Trichloroethene	9.092	95	103138	24.054	ug/L		97
35) Methylcyclohexane	9.335	83	171466	23.535	ug/L		100
37) 1,2-Dichloropropane	9.366	63	93581	23.805	ug/L		99
38) Bromodichloromethane	9.640	83	138417	25.228	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	153918	24.767	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	97313	42.183	ug/L		99
42) Toluene	10.384	91	421488	24.511	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	134229	24.295	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	69364	23.369	ug/L		98
46) Tetrachloroethene	10.860	164	73314	23.909	ug/L		92
48) 2-Hexanone	10.969	43	64908	40.684	ug/L		99
49) Dibromochloromethane	11.128	129	88605	24.489	ug/L		100
50) 1,2-Dibromoethane	11.232	107	64090	22.831	ug/L		99
51) Chlorobenzene	11.652	112	269007	24.135	ug/L		98
52) Ethylbenzene	11.725	91	480204	24.193	ug/L		98
53) m,p-Xylene	11.835	106	185303	24.118	ug/L		95
54) o-Xylene	12.164	106	174811	24.117	ug/L		93
55) Styrene	12.176	104	311109	24.711	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	78107	21.936	ug/L		98
59) Bromoform	12.347	173	44132	23.496	ug/L		98
60) Isopropylbenzene	12.463	105	496401	24.863	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	60423	22.647	ug/L		100
62) 1,3,5-Trimethylbenzene	12.939	105	432873	24.976	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	420663	24.752	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	200932	24.130	ug/L		97
65) 1,4-Dichlorobenzene	13.573	146	205199	24.696	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	180733	24.139	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	13627	22.102	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.627	180	132800	24.078	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	106522	24.849	ug/L		97
71) Naphthalene	15.359	128	210563	23.284	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	91285	24.439	ug/L		99

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

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