Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121222\
Data File : VW025136.D
Acq On : 12 Dec 2022 14:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

Quant Time: Dec 13 00:40:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 13 00:39:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	442587	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128551	25.196	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.800%			
7) Chloroethane-d5	2.885	69	84303	25.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.360%			
11) 1,1-Dichloroethene-d2	4.019	63	288330	25.796	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.200%			
21) 2-Butanone-d5	7.074	46	60372	47.134	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.260%			
24) Chloroform-d	7.647	84	285871	25.023	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.080%			
26) 1,2-Dichloroethane-d4	8.305	65	144318	24.910	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.640%			
32) Benzene-d6	8.275	84	592677	25.286	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.160%			
36) 1,2-Dichloropropane-d6	9.274	67	171512	25.148	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.600%			
41) Toluene-d8	10.323	98	539749	25.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	10.579	79	70634	24.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.080%			
47) 2-Hexanone-d5	10.920	63	49810	49.780	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.560%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	121577	24.140	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	166487	25.220	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	62836	23.426	ug/L	100
3) Chloromethane	2.209	50	116209	24.605	ug/L	96
5) Vinyl chloride	2.361	62	155635	26.342	ug/L	99
6) Bromomethane	2.776	94	77251	25.233	ug/L	91
8) Chloroethane	2.922	64	73464	26.883	ug/L	95
9) Trichlorofluoromethane	3.257	101	116974	26.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	153622	26.266	ug/L	99
12) 1,1-Dichloroethene	4.037	96	147206	26.399	ug/L	99
13) Acetone	4.117	43	79742	60.565	ug/L	99
14) Carbon disulfide	4.379	76	453597	25.481	ug/L	98
15) Methyl Acetate	4.665	43	54719	25.462	ug/L	96
16) Methylene chloride	4.915	84	178223	25.764	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	154871	26.199	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	224703	25.618	ug/L	100
19) 1,1-Dichloroethane	6.214	63	281675	26.371	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	167147	26.741	ug/L	94
22) 2-Butanone	7.165	43	88862	53.646	ug/L	99
23) Bromochloromethane	7.512	128	69266	26.188	ug/L	94
25) Chloroform	7.677	83	285004	26.368	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	177233	26.043	ug/L	100
29) Cyclohexane	7.951	56	267381	26.420	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	239586	25.394	ug/L	99
31) Carbon tetrachloride	8.067	117	221691	25.555	ug/L	98
33) Benzene	8.323	78	638899	25.805	ug/L	100
34) Trichloroethene	9.091	95	165963	25.590	ug/L	94
35) Methylcyclohexane	9.335	83	294060	25.563	ug/L	98
37) 1,2-Dichloropropane	9.366	63	153328	25.676	ug/L	99
38) Bromodichloromethane	9.646	83	206091	26.124	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	242639	26.593	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	156728	51.198	ug/L	99
42) Toluene	10.384	91	674455	26.000	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	207912	26.607	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109952	25.801	ug/L	97
46) Tetrachloroethene	10.859	164	123711	26.204	ug/L	97
48) 2-Hexanone	10.963	43	123900	55.413	ug/L	99
49) Dibromochloromethane	11.128	129	130409	25.481	ug/L	90
50) 1,2-Dibromoethane	11.231	107	101726	25.639	ug/L	94
51) Chlorobenzene	11.652	112	422591	25.455	ug/L	98
52) Ethylbenzene	11.725	91	764342	26.000	ug/L	99
53) m,p-Xylene	11.835	106	297590	26.507	ug/L	95
54) o-Xylene	12.164	106	283753	26.520	ug/L	100
55) Styrene	12.176	104	482287	26.617	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	125228	25.128	ug/L	97
59) Bromoform	12.347	173	65690	24.561	ug/L	97
60) Isopropylbenzene	12.463	105	769462	25.775	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90736	24.238	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	680453	26.610	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	658936	26.524	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	318448	26.056	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	311725	25.327	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	285671	26.802	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	20727	23.747	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	222409	25.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	183104	26.297	ug/L	98
71) Naphthalene	15.359	128	364160	26.678	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	154638	25.342	ug/L	100

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

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