Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026340.D
Acq On : 27 Jun 2023 08:52
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

Quant Time: Jun 28 01:16:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:51:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	720280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	648068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	264906	25.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.280%			
7) Chloroethane-d5	2.893	69	175896	23.646	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	4.021	65	120306	25.395	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.560%			
21) 2-Butanone-d5	7.081	46	120447	36.625	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.260%			
24) Chloroform-d	7.648	84	490072	24.011	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.040%			
26) 1,2-Dichloroethane-d4	8.307	65	261543	22.806	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.240%			
32) Benzene-d6	8.276	84	984665	24.547	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	9.276	67	307782	23.612	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.440%			
41) Toluene-d8	10.325	98	870785	24.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	10.581	79	118621	22.666	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.680%			
47) 2-Hexanone-d5	10.922	63	75316	37.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217315	21.176	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	243319	22.324	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	221320	25.562	ug/L #	85
3) Chloromethane	2.222	50	290889	23.235	ug/L	97
5) Vinyl chloride	2.375	62	315900	24.268	ug/L	100
6) Bromomethane	2.783	94	153478	21.481	ug/L	94
8) Chloroethane	2.930	64	155824	22.324	ug/L	98
9) Trichlorofluoromethane	3.271	101	223764	24.371	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	234775	23.620	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	228699	24.556	ug/L	94
13) Acetone	4.131	43	104578	39.729	ug/L	98
14) Carbon disulfide	4.387	76	804326	24.440	ug/L	100
15) Methyl Acetate	4.673	43	121023	20.056	ug/L	99
16) Methylene chloride	4.917	84	258099	21.175	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	245126	23.946	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	359725	22.468	ug/L	99
19) 1,1-Dichloroethane	6.216	63	505317	23.571	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	257875	23.311	ug/L	98
22) 2-Butanone	7.173	43	156047	38.745	ug/L	100
23) Bromochloromethane	7.514	128	109086	22.990	ug/L	95
25) Chloroform	7.679	83	464686	23.388	ug/L	100

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ClientSampleId :
VSTD025536

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:51:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323331	22.634	ug/L	95
29) Cyclohexane	7.959	56	478212	25.554	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	380517	24.271	ug/L	99
31) Carbon tetrachloride	8.069	117	340347	24.150	ug/L	99
33) Benzene	8.325	78	1056332	24.131	ug/L	100
34) Trichloroethene	9.093	95	266031	23.736	ug/L	98
35) Methylcyclohexane	9.337	83	487384	25.357	ug/L	99
37) 1,2-Dichloropropane	9.367	63	285805	23.368	ug/L	99
38) Bromodichloromethane	9.648	83	323492	23.032	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	417066	23.801	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	326460	41.354	ug/L	100
42) Toluene	10.386	91	1100808	25.067	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	345016	23.326	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	183332	22.388	ug/L	99
46) Tetrachloroethene	10.861	164	183513	23.240	ug/L	97
48) 2-Hexanone	10.965	43	224925	40.380	ug/L	99
49) Dibromochloromethane	11.129	129	196058	23.382	ug/L	100
50) 1,2-Dibromoethane	11.233	107	167917	22.335	ug/L	100
51) Chlorobenzene	11.654	112	672229	23.999	ug/L	96
52) Ethylbenzene	11.727	91	1225117	24.758	ug/L	98
53) m,p-Xylene	11.837	106	459437	25.459	ug/L	92
54) o-Xylene	12.166	106	426267	25.087	ug/L	90
55) Styrene	12.178	104	735432	24.816	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	220090	21.502	ug/L	98
59) Bromoform	12.349	173	106516	22.492	ug/L	96
60) Isopropylbenzene	12.464	105	1187991	25.250	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	161529	21.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	944766	25.904	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	935310	26.589	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	473627	23.503	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	484854	24.042	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	427037	23.793	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	33574	19.143	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	309667	23.914	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	245004	23.120	ug/L	98
71) Naphthalene	15.360	128	463776	21.771	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	219530	22.188	ug/L	96

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

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