Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
Data File : VW026085.D
Acq On : 30 May 2023 12:58
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

Quant Time: May 31 01:52:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774967	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	647554	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331945	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	310886	28.516	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.080%			
7) Chloroethane-d5	2.899	69	204503	25.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.240%			
11) 1,1-Dichloroethene-d2	4.027	65	145532	27.072	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.280%			
21) 2-Butanone-d5	7.075	46	167575	52.796	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.600%			
24) Chloroform-d	7.648	84	592820	26.122	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.480%			
26) 1,2-Dichloroethane-d4	8.301	65	319280	25.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.920%			
32) Benzene-d6	8.276	84	1217196	27.935	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.720%			
36) 1,2-Dichloropropane-d6	9.276	67	357232	25.878	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.520%			
41) Toluene-d8	10.325	98	1010931	26.161	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.640%			
43) trans-1,3-Dichloroprop...	10.575	79	139143	25.436	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.760%			
47) 2-Hexanone-d5	10.922	63	123104	56.556	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	273609	27.237	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.960%			
66) 1,2-Dichlorobenzene-d4	13.849	152	318171	25.042	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	244077	25.692	ug/L	99
3) Chloromethane	2.223	50	342396	28.108	ug/L	96
5) Vinyl chloride	2.375	62	355863	27.330	ug/L	100
6) Bromomethane	2.790	94	164522	23.178	ug/L	99
8) Chloroethane	2.930	64	175053	24.879	ug/L	96
9) Trichlorofluoromethane	3.265	101	213443	25.480	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	275323	26.047	ug/L	97
12) 1,1-Dichloroethene	4.045	96	258052	26.153	ug/L	92
13) Acetone	4.119	43	113162	46.077	ug/L	96
14) Carbon disulfide	4.393	76	921695	26.461	ug/L	100
15) Methyl Acetate	4.667	43	145095	26.323	ug/L	99
16) Methylene chloride	4.917	84	296388	23.962	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	286776	25.905	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	450846	25.840	ug/L	99
19) 1,1-Dichloroethane	6.216	63	577246	25.612	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	307835	26.251	ug/L	98
22) 2-Butanone	7.167	43	179647	51.278	ug/L	99
23) Bromochloromethane	7.514	128	124482	24.891	ug/L	93
25) Chloroform	7.673	83	535724	25.521	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	367732	25.400	ug/L	98
29) Cyclohexane	7.959	56	557204	27.871	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	421801	26.842	ug/L	99
31) Carbon tetrachloride	8.069	117	387122	26.996	ug/L	96
33) Benzene	8.325	78	1220522	27.514	ug/L	100
34) Trichloroethene	9.093	95	309247	27.225	ug/L	96
35) Methylcyclohexane	9.331	83	529498	26.344	ug/L	98
37) 1,2-Dichloropropane	9.368	63	311535	25.929	ug/L	99
38) Bromodichloromethane	9.642	83	353116	25.297	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	455093	25.775	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	376394	53.136	ug/L	99
42) Toluene	10.386	91	1213332	26.742	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	384115	26.113	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	207480	26.202	ug/L	99
46) Tetrachloroethene	10.861	164	220875	27.492	ug/L	96
48) 2-Hexanone	10.965	43	260266	52.109	ug/L	99
49) Dibromochloromethane	11.123	129	202692	24.414	ug/L	92
50) 1,2-Dibromoethane	11.233	107	178848	24.393	ug/L	97
51) Chlorobenzene	11.654	112	725497	25.517	ug/L	98
52) Ethylbenzene	11.727	91	1356240	26.498	ug/L	99
53) m,p-Xylene	11.837	106	512304	26.906	ug/L	97
54) o-Xylene	12.166	106	494015	27.489	ug/L	97
55) Styrene	12.178	104	846931	27.470	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	255132	26.623	ug/L	100
59) Bromoform	12.349	173	122347	24.539	ug/L	100
60) Isopropylbenzene	12.459	105	1364405	26.165	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	186938	25.141	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1105839	26.676	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1010902	26.625	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	565906	25.810	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	543675	24.629	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	486565	24.713	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	40953	23.773	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	358455	23.800	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	307875	24.773	ug/L	93
71) Naphthalene	15.360	128	573382	25.887	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	266670	24.552	ug/L	99

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

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