Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061424\
Data File : VW029164.D
Acq On : 14 Jun 2024 19:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

Quant Time: Jun 15 00:24:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 15 00:20:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	236950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	220970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65460	17.390	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.560%			
7) Chloroethane-d5	2.899	69	60031	20.768	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.080%			
11) 1,1-Dichloroethene-d2	4.021	65	30838	18.639	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.560%			
21) 2-Butanone-d5	7.075	46	46694	60.713	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.420%			
24) Chloroform-d	7.648	84	156403	23.137	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.560%			
26) 1,2-Dichloroethane-d4	8.306	65	89504	25.149	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	8.276	84	294328	21.702	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	9.270	67	93184	22.661	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.640%			
41) Toluene-d8	10.318	98	253218	20.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.680%			
43) trans-1,3-Dichloroprop...	10.574	79	35952	22.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.000%			
47) 2-Hexanone-d5	10.922	63	33247	61.267	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80458	28.164	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.640%			
66) 1,2-Dichlorobenzene-d4	13.854	152	87724	22.105	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	45533	16.828	ug/L	95
3) Chloromethane	2.222	50	74811	22.632	ug/L	96
5) Vinyl chloride	2.375	62	86345	21.579	ug/L	99
6) Bromomethane	2.789	94	54037	22.540	ug/L	99
8) Chloroethane	2.935	64	56003	23.176	ug/L	100
9) Trichlorofluoromethane	3.271	101	70652	21.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	71849	21.893	ug/L	96
12) 1,1-Dichloroethene	4.045	96	66800	22.303	ug/L	95
13) Acetone	4.124	43	41669	51.700	ug/L	99
14) Carbon disulfide	4.399	76	209437	20.654	ug/L	99
15) Methyl Acetate	4.667	43	41581	31.062	ug/L	99
16) Methylene chloride	4.917	84	83392	23.450	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	76125	23.312	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	125135	27.480	ug/L	96
19) 1,1-Dichloroethane	6.215	63	162361	25.289	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	85032	24.838	ug/L	92
22) 2-Butanone	7.166	43	56721	58.402	ug/L	98
23) Bromochloromethane	7.520	128	36926	24.709	ug/L	98
25) Chloroform	7.679	83	165402	26.525	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115524	27.646	ug/L	99
29) Cyclohexane	7.959	56	123748	22.524	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	123694	24.160	ug/L	98
31) Carbon tetrachloride	8.069	117	110159	23.622	ug/L	96
33) Benzene	8.325	78	342732	24.944	ug/L	100
34) Trichloroethene	9.087	95	87511	24.226	ug/L	97
35) Methylcyclohexane	9.337	83	137675	22.467	ug/L	98
37) 1,2-Dichloropropane	9.367	63	94845	26.360	ug/L	99
38) Bromodichloromethane	9.642	83	115598	26.343	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	134486	25.719	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	117894	64.419	ug/L	97
42) Toluene	10.385	91	359117	25.585	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	113566	26.940	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	64251	26.441	ug/L	96
46) Tetrachloroethene	10.861	164	60745	22.134	ug/L	96
48) 2-Hexanone	10.965	43	83408	60.787	ug/L	97
49) Dibromochloromethane	11.129	129	69330	27.012	ug/L	91
50) 1,2-Dibromoethane	11.233	107	59312	26.738	ug/L	92
51) Chlorobenzene	11.653	112	221548	24.571	ug/L	97
52) Ethylbenzene	11.727	91	399993	25.081	ug/L	98
53) m,p-Xylene	11.836	106	147976	25.051	ug/L	99
54) o-Xylene	12.159	106	143319	26.203	ug/L	95
55) Styrene	12.178	104	253450	26.878	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	79572	29.007	ug/L	98
59) Bromoform	12.348	173	38221	26.578	ug/L	99
60) Isopropylbenzene	12.458	105	390334	24.662	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	60431	28.647	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	288678	25.078	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	308270	25.340	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	169752	24.958	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	168789	23.761	ug/L	99
67) 1,2-Dichlorobenzene	13.860	146	151686	24.883	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12713	28.275	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	112609	24.114	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	88053	23.264	ug/L	97
71) Naphthalene	15.360	128	182021	28.226	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	85817	26.538	ug/L	99

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

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