Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041124\
Data File : VW028390.D
Acq On : 11 Apr 2024 09:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Quant Time: Apr 12 00:49:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 11 05:54:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	287080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	109602	23.814	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.240%			
7) Chloroethane-d5	2.905	69	86717	24.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.440%			
11) 1,1-Dichloroethene-d2	4.021	65	45879	23.540	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.160%			
21) 2-Butanone-d5	7.075	46	50337	58.448	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.900%			
24) Chloroform-d	7.648	84	197973	26.428	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.720%			
26) 1,2-Dichloroethane-d4	8.307	65	109441	28.112	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.440%			
32) Benzene-d6	8.276	84	382922	26.831	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.320%			
36) 1,2-Dichloropropane-d6	9.270	67	114992	27.107	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.440%			
41) Toluene-d8	10.319	98	349692	26.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.800%			
43) trans-1,3-Dichloroprop...	10.575	79	46808	27.750	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.000%			
47) 2-Hexanone-d5	10.922	63	34273	58.325	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.660%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89982	30.064	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.240%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	109476	25.709	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	85822	22.227	ug/L	94
3) Chloromethane	2.223	50	111370	24.567	ug/L	100
5) Vinyl chloride	2.375	62	133178	24.668	ug/L	98
6) Bromomethane	2.789	94	77575	22.999	ug/L	95
8) Chloroethane	2.936	64	79045	24.288	ug/L	98
9) Trichlorofluoromethane	3.271	101	97834	22.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	94317	23.278	ug/L	99
12) 1,1-Dichloroethene	4.045	96	91844	24.141	ug/L	96
13) Acetone	4.125	43	53572	50.661	ug/L	93
14) Carbon disulfide	4.393	76	301335	24.058	ug/L	99
15) Methyl Acetate	4.673	43	44452	26.126	ug/L	99
16) Methylene chloride	4.917	84	99536	22.913	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	99836	24.912	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	143004	25.367	ug/L	99
19) 1,1-Dichloroethane	6.216	63	193053	24.725	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	106109	24.947	ug/L	98
22) 2-Butanone	7.167	43	66250	51.624	ug/L	99
23) Bromochloromethane	7.514	128	44714	24.406	ug/L	87
25) Chloroform	7.673	83	193841	25.272	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Thu Apr 11 05:54:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135522	25.600	ug/L	99
29) Cyclohexane	7.959	56	177108	25.665	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	154749	24.424	ug/L	98
31) Carbon tetrachloride	8.069	117	142602	25.381	ug/L	100
33) Benzene	8.325	78	417834	25.581	ug/L	100
34) Trichloroethene	9.093	95	107553	24.297	ug/L	96
35) Methylcyclohexane	9.331	83	190936	25.278	ug/L	99
37) 1,2-Dichloropropane	9.368	63	105505	24.783	ug/L	99
38) Bromodichloromethane	9.642	83	135417	25.663	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	164151	26.294	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	127908	60.019	ug/L	100
42) Toluene	10.386	91	439343	25.390	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	135697	26.868	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	74897	26.004	ug/L	94
46) Tetrachloroethene	10.861	164	84352	25.512	ug/L	93
48) 2-Hexanone	10.965	43	101494	59.998	ug/L	99
49) Dibromochloromethane	11.129	129	80764	26.236	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70183	26.698	ug/L	89
51) Chlorobenzene	11.654	112	273438	25.422	ug/L	94
52) Ethylbenzene	11.727	91	502345	25.610	ug/L	100
53) m,p-Xylene	11.837	106	187086	25.647	ug/L	97
54) o-Xylene	12.160	106	176661	26.010	ug/L	100
55) Styrene	12.178	104	305762	26.450	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	89228	27.375	ug/L	98
59) Bromoform	12.349	173	45658	25.689	ug/L	97
60) Isopropylbenzene	12.459	105	499683	24.754	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64480	26.193	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319520	24.835	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	392748	25.366	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	207036	24.172	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	210699	24.183	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	187862	24.935	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13807	24.476	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	144603	24.534	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	112649	24.475	ug/L	88
71) Naphthalene	15.354	128	222565	27.323	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	101001	24.730	ug/L	98

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

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