Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
Data File : VW028302.D
Acq On : 03 Apr 2024 18:44
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

Quant Time: Apr 04 03:06:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 04 03:01:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	229561	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216815	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43923	16.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.400%			
7) Chloroethane-d5	2.899	69	38417	20.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.880%			
11) 1,1-Dichloroethene-d2	4.027	65	29046	17.053	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.200%			
21) 2-Butanone-d5	7.081	46	51050	64.441	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.880%			
24) Chloroform-d	7.648	84	167414	24.732	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.920%			
26) 1,2-Dichloroethane-d4	8.307	65	91511	24.531	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.120%			
32) Benzene-d6	8.276	84	304443	22.999	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	9.276	67	99271	26.059	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.240%			
41) Toluene-d8	10.319	98	270072	22.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.480%			
43) trans-1,3-Dichloroprop...	10.575	79	39685	22.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.760%			
47) 2-Hexanone-d5	10.922	63	40586	64.455	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84594	30.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.240%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	106904	25.581	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	48564	14.583	ug/L	95
3) Chloromethane	2.223	50	46879	19.848	ug/L	100
5) Vinyl chloride	2.375	62	54808	20.528	ug/L	99
6) Bromomethane	2.789	94	35282	22.190	ug/L	94
8) Chloroethane	2.936	64	33333	23.228	ug/L	97
9) Trichlorofluoromethane	3.271	101	61661	19.102	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70006	21.831	ug/L	96
12) 1,1-Dichloroethene	4.051	96	64008	21.592	ug/L	84
13) Acetone	4.131	43	30874	35.100	ug/L	96
14) Carbon disulfide	4.393	76	178201	19.274	ug/L	100
15) Methyl Acetate	4.673	43	37183	27.444	ug/L	99
16) Methylene chloride	4.923	84	75984	21.748	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	70499	22.378	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	123332	25.948	ug/L	98
19) 1,1-Dichloroethane	6.222	63	150405	24.661	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	84500	24.836	ug/L	96
22) 2-Butanone	7.173	43	45518	45.579	ug/L	99
23) Bromochloromethane	7.520	128	37826	25.147	ug/L	95
25) Chloroform	7.679	83	152727	24.325	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 04 03:01:50 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103781	23.406	ug/L	#	96
29) Cyclohexane	7.959	56	119011	21.044	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	121168	21.319	ug/L		99
31) Carbon tetrachloride	8.069	117	110235	20.678	ug/L		96
33) Benzene	8.325	78	316292	23.707	ug/L		100
34) Trichloroethene	9.093	95	82576	22.184	ug/L		97
35) Methylcyclohexane	9.337	83	129092	20.518	ug/L		100
37) 1,2-Dichloropropane	9.368	63	87273	25.574	ug/L		99
38) Bromodichloromethane	9.642	83	109385	23.774	ug/L		96
39) cis-1,3-Dichloropropene	10.069	75	131546	24.070	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	101075	53.658	ug/L		98
42) Toluene	10.386	91	338833	23.270	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	111771	24.224	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	64228	26.050	ug/L		96
46) Tetrachloroethene	10.861	164	64394	21.461	ug/L		93
48) 2-Hexanone	10.965	43	69562	47.143	ug/L		96
49) Dibromochloromethane	11.129	129	72108	24.694	ug/L		98
50) 1,2-Dibromoethane	11.233	107	58095	24.642	ug/L		99
51) Chlorobenzene	11.654	112	219958	23.799	ug/L		100
52) Ethylbenzene	11.727	91	393034	23.122	ug/L		97
53) m,p-Xylene	11.837	106	146745	22.941	ug/L		97
54) o-Xylene	12.160	106	140654	23.712	ug/L		93
55) Styrene	12.178	104	251784	24.712	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	75205	26.667	ug/L		96
59) Bromoform	12.343	173	42097	24.489	ug/L		97
60) Isopropylbenzene	12.459	105	394769	23.161	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	54761	25.012	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	259740	22.712	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	324221	23.479	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	171533	22.558	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	175572	23.091	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	160880	24.568	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.483	75	11777	22.899	ug/L	#	81
69) 1,3,5-Trichlorobenzene	14.623	180	119688	22.597	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	102365	22.749	ug/L		98
71) Naphthalene	15.360	128	201597	26.103	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	90011	24.265	ug/L		99

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

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