Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
Data File : VW028326.D
Acq On : 04 Apr 2024 19:50
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Quant Time: Apr 05 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 05 00:59:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	195496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40817	16.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.080%			
7) Chloroethane-d5	2.893	69	36581	21.512	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.040%			
11) 1,1-Dichloroethene-d2	4.021	65	27048	17.524	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.080%			
21) 2-Butanone-d5	7.075	46	54581	76.030	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.060%#			
24) Chloroform-d	7.648	84	155127	25.289	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.160%			
26) 1,2-Dichloroethane-d4	8.307	65	87392	25.852	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	8.276	84	286126	23.972	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.880%			
36) 1,2-Dichloropropane-d6	9.270	67	90639	26.388	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.560%			
41) Toluene-d8	10.319	98	250180	22.724	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.880%			
43) trans-1,3-Dichloroprop...	10.575	79	37598	24.100	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.400%			
47) 2-Hexanone-d5	10.922	63	42587	75.008	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 150.020%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86962	34.274	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.080%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	95997	26.847	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	50928	16.876	ug/L #	88
3) Chloromethane	2.222	50	46391	21.675	ug/L	99
5) Vinyl chloride	2.375	62	55099	22.774	ug/L	99
6) Bromomethane	2.789	94	34375	23.857	ug/L	90
8) Chloroethane	2.936	64	32212	24.771	ug/L	95
9) Trichlorofluoromethane	3.271	101	64050	21.896	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68024	23.409	ug/L	97
12) 1,1-Dichloroethene	4.045	96	62851	23.397	ug/L	92
13) Acetone	4.125	43	30698	38.513	ug/L	97
14) Carbon disulfide	4.393	76	173585	20.718	ug/L	99
15) Methyl Acetate	4.673	43	36933	30.081	ug/L	99
16) Methylene chloride	4.923	84	72351	22.851	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	69743	24.430	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	119910	27.840	ug/L	98
19) 1,1-Dichloroethane	6.216	63	142546	25.792	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	79853	25.899	ug/L	99
22) 2-Butanone	7.173	43	48144	53.199	ug/L	98
23) Bromochloromethane	7.514	128	35292	25.892	ug/L	93
25) Chloroform	7.679	83	144655	25.424	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98852	24.602	ug/L	#	96
29) Cyclohexane	7.953	56	116587	22.864	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	119024	23.226	ug/L		99
31) Carbon tetrachloride	8.075	117	107756	22.417	ug/L		96
33) Benzene	8.325	78	302296	25.129	ug/L		100
34) Trichloroethene	9.093	95	80059	23.854	ug/L		95
35) Methylcyclohexane	9.337	83	126188	22.243	ug/L		98
37) 1,2-Dichloropropane	9.368	63	80398	26.129	ug/L		100
38) Bromodichloromethane	9.642	83	104525	25.195	ug/L		95
39) cis-1,3-Dichloropropene	10.069	75	124320	25.228	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	107638	63.374	ug/L		98
42) Toluene	10.386	91	320789	24.433	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	106215	25.530	ug/L		96
45) 1,1,2-Trichloroethane	10.782	97	61613	27.714	ug/L		97
46) Tetrachloroethene	10.861	164	60527	22.372	ug/L		96
48) 2-Hexanone	10.965	43	72250	54.304	ug/L		96
49) Dibromochloromethane	11.123	129	67628	25.685	ug/L		95
50) 1,2-Dibromoethane	11.233	107	57269	26.940	ug/L		94
51) Chlorobenzene	11.654	112	208173	24.980	ug/L		98
52) Ethylbenzene	11.727	91	370963	24.204	ug/L		99
53) m,p-Xylene	11.837	106	135977	23.576	ug/L		98
54) o-Xylene	12.160	106	133867	25.029	ug/L		97
55) Styrene	12.178	104	234623	25.538	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	76593	30.121	ug/L		92
59) Bromoform	12.349	173	41489	28.208	ug/L		97
60) Isopropylbenzene	12.458	105	385960	26.465	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	56650	30.240	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	249890	25.537	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	304180	25.744	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	164516	25.286	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	166600	25.607	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	149940	26.761	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12488	28.378	ug/L		98
69) 1,3,5-Trichlorobenzene	14.623	180	116285	25.658	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	95409	24.781	ug/L		97
71) Naphthalene	15.360	128	201040	30.422	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	85363	26.895	ug/L		99

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

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