Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100124\
Data File : VW030322.D
Acq On : 01 Oct 2024 19:44
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

Quant Time: Oct 02 07:44:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 01 01:01:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	153906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	144797	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	71887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	38304	31.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.400%			
7) Chloroethane-d5	2.899	69	30505	34.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 139.440%			
11) 1,1-Dichloroethene-d2	4.027	65	23938	27.268	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.080%			
21) 2-Butanone-d5	7.081	46	29166	60.304	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.600%			
24) Chloroform-d	7.654	84	118330	28.619	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 114.480%			
26) 1,2-Dichloroethane-d4	8.307	65	65724	30.454	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.800%			
32) Benzene-d6	8.276	84	221544	27.299	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.200%			
36) 1,2-Dichloropropane-d6	9.276	67	69673	28.545	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.160%			
41) Toluene-d8	10.325	98	204459	27.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.920%			
43) trans-1,3-Dichloroprop...	10.581	79	28345	27.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.680%			
47) 2-Hexanone-d5	10.922	63	23957	59.438	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	52928	29.019	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.080%			
66) 1,2-Dichlorobenzene-d4	13.849	152	65578	27.476	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	46519	27.653	ug/L	97
3) Chloromethane	2.229	50	42121	31.962	ug/L	99
5) Vinyl chloride	2.375	62	46093	32.901	ug/L	96
6) Bromomethane	2.796	94	29109	31.218	ug/L	94
8) Chloroethane	2.936	64	26627	34.837	ug/L	97
9) Trichlorofluoromethane	3.271	101	54493	30.194	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	52363	29.123	ug/L	97
12) 1,1-Dichloroethene	4.051	96	48113	26.908	ug/L	89
13) Acetone	4.125	43	30500	59.449	ug/L	98
14) Carbon disulfide	4.393	76	164609	27.683	ug/L	99
15) Methyl Acetate	4.673	43	24858	29.706	ug/L	96
16) Methylene chloride	4.917	84	57217	24.154	ug/L	92
17) trans-1,2-Dichloroethene	5.435	96	55304	26.644	ug/L	92
18) Methyl tert-butyl Ether	5.435	73	92655	28.065	ug/L	98
19) 1,1-Dichloroethane	6.222	63	111519	28.212	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	61569	26.847	ug/L	97
22) 2-Butanone	7.173	43	36941	56.325	ug/L	100
23) Bromochloromethane	7.520	128	26440	26.409	ug/L	97
25) Chloroform	7.679	83	115635	28.207	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue Oct 01 01:01:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	78182	28.757	ug/L	100
29) Cyclohexane	7.959	56	92050	28.839	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	94263	28.103	ug/L	97
31) Carbon tetrachloride	8.075	117	83542	27.868	ug/L	96
33) Benzene	8.325	78	244960	27.775	ug/L	100
34) Trichloroethene	9.093	95	62884	26.806	ug/L	98
35) Methylcyclohexane	9.337	83	102586	28.495	ug/L	96
37) 1,2-Dichloropropane	9.368	63	64115	27.553	ug/L	99
38) Bromodichloromethane	9.648	83	81663	27.953	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	98139	27.505	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	70912	59.248	ug/L	98
42) Toluene	10.386	91	264476	28.012	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	82442	27.885	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	43233	26.364	ug/L	98
46) Tetrachloroethene	10.861	164	45016	25.655	ug/L	92
48) 2-Hexanone	10.965	43	54850	62.236	ug/L	97
49) Dibromochloromethane	11.129	129	50512	27.372	ug/L	88
50) 1,2-Dibromoethane	11.233	107	41512	26.754	ug/L	98
51) Chlorobenzene	11.654	112	162676	26.662	ug/L	97
52) Ethylbenzene	11.727	91	299679	28.018	ug/L	100
53) m,p-Xylene	11.837	106	109394	27.397	ug/L	100
54) o-Xylene	12.166	106	107549	28.299	ug/L	100
55) Styrene	12.178	104	181204	27.950	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	52808	27.497	ug/L	97
59) Bromoform	12.349	173	27210	26.127	ug/L	97
60) Isopropylbenzene	12.459	105	296501	29.059	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	38924	28.482	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	246012	29.808	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	239557	29.378	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	120695	26.469	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	125530	26.948	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	115233	28.346	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	8567	27.360	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	85732	27.241	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	67595	25.941	ug/L	94
71) Naphthalene	15.360	128	131774	27.648	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	58474	25.637	ug/L	95

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

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