Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110724\
Data File : VW030958.D
Acq On : 07 Nov 2024 16:24
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

Quant Time: Nov 08 04:06:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 08 04:04:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	444080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	208669	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118607	16.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.120%			
7) Chloroethane-d5	2.899	69	96028	17.191	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.760%			
11) 1,1-Dichloroethene-d2	4.015	65	54727	18.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.840%			
21) 2-Butanone-d5	7.075	46	58531	48.834	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.660%			
24) Chloroform-d	7.648	84	272505	20.815	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.280%			
26) 1,2-Dichloroethane-d4	8.307	65	137649	21.147	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	8.270	84	533691	21.199	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	9.270	67	159678	21.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.080%			
41) Toluene-d8	10.319	98	476772	21.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.440%			
43) trans-1,3-Dichloroprop...	10.575	79	61812	20.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.200%			
47) 2-Hexanone-d5	10.922	63	50240	52.234	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	122659	23.723	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	159367	20.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	102691	21.709	ug/L	97
3) Chloromethane	2.223	50	119192	18.700	ug/L	98
5) Vinyl chloride	2.375	62	151939	20.114	ug/L	97
6) Bromomethane	2.789	94	97856	19.730	ug/L	91
8) Chloroethane	2.936	64	91387	19.956	ug/L	98
9) Trichlorofluoromethane	3.271	101	140010	20.310	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	137812	21.715	ug/L #	88
12) 1,1-Dichloroethene	4.045	96	135465	23.600	ug/L	79
13) Acetone	4.119	43	83358	56.943	ug/L	96
14) Carbon disulfide	4.387	76	416495	22.073	ug/L	100
15) Methyl Acetate	4.673	43	53894	25.099	ug/L	99
16) Methylene chloride	4.917	84	172111	27.414	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	144991	23.025	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	204743	24.090	ug/L	98
19) 1,1-Dichloroethane	6.216	63	268252	22.828	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	159552	23.884	ug/L	98
22) 2-Butanone	7.167	43	88434	53.945	ug/L	99
23) Bromochloromethane	7.514	128	70196	23.994	ug/L	96
25) Chloroform	7.673	83	283786	22.953	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Nov 08 04:04:29 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170128	22.094	ug/L	96
29) Cyclohexane	7.953	56	223790	23.045	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	229236	22.022	ug/L	98
31) Carbon tetrachloride	8.069	117	210239	22.477	ug/L	98
33) Benzene	8.319	78	615062	23.548	ug/L	100
34) Trichloroethene	9.093	95	162845	22.610	ug/L	97
35) Methylcyclohexane	9.331	83	269119	23.575	ug/L	98
37) 1,2-Dichloropropane	9.368	63	154839	23.720	ug/L	99
38) Bromodichloromethane	9.642	83	198499	23.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	234434	24.008	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	152872	51.209	ug/L	98
42) Toluene	10.386	91	674346	24.381	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	193752	23.884	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	112903	24.096	ug/L	97
46) Tetrachloroethene	10.861	164	133202	24.191	ug/L	92
48) 2-Hexanone	10.965	43	127474	56.127	ug/L	97
49) Dibromochloromethane	11.129	129	128072	25.070	ug/L	98
50) 1,2-Dibromoethane	11.233	107	102926	23.820	ug/L	96
51) Chlorobenzene	11.654	112	415582	23.477	ug/L	97
52) Ethylbenzene	11.727	91	741767	23.735	ug/L	98
53) m,p-Xylene	11.837	106	282741	24.055	ug/L	98
54) o-Xylene	12.160	106	268436	24.820	ug/L	96
55) Styrene	12.178	104	460706	24.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	127739	24.981	ug/L	97
59) Bromoform	12.343	173	71048	23.845	ug/L	97
60) Isopropylbenzene	12.458	105	729345	22.914	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	90315	23.086	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	590552	23.564	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	583397	23.904	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	321510	23.004	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	320176	22.314	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	281194	22.574	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18702	22.580	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	213907	23.064	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	172880	23.475	ug/L	97
71) Naphthalene	15.360	128	294541	24.672	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152219	23.984	ug/L	95

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

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