Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
Data File : VW028254.D
Acq On : 27 Mar 2024 16:37
Operator : SY/MD
Sample : P1886-11MSD
Misc : 4.96g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07A8MSD

Quant Time: Mar 28 01:14:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	157552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	46743	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50958	20.091	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.360%			
7) Chloroethane-d5	2.899	69	46477	26.228	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.920%			
11) 1,1-Dichloroethene-d2	4.021	65	36106	22.448	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.800%			
21) 2-Butanone-d5	7.075	46	61875	82.711	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 165.420%#			
24) Chloroform-d	7.648	84	194087	30.363	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 121.440%			
26) 1,2-Dichloroethane-d4	8.307	65	105037	29.818	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.280%			
32) Benzene-d6	8.276	84	344742	35.839	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 143.360%#			
36) 1,2-Dichloropropane-d6	9.270	67	110483	39.912	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 159.640%#			
41) Toluene-d8	10.318	98	279903	31.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.200%			
43) trans-1,3-Dichloroprop...	10.575	79	37632	29.932	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 119.720%			
47) 2-Hexanone-d5	10.922	63	47485	103.777	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 207.560%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84181	41.168	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 164.680%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	53780	31.584	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 126.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80198	25.503	ug/L	100
3) Chloromethane	2.222	50	59061	26.480	ug/L	98
5) Vinyl chloride	2.375	62	58792	23.319	ug/L	99
6) Bromomethane	2.789	94	41410	27.580	ug/L	94
8) Chloroethane	2.936	64	37536	27.700	ug/L	100
9) Trichlorofluoromethane	3.271	101	89985	29.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78426	25.899	ug/L	94
12) 1,1-Dichloroethene	4.045	96	72014	25.726	ug/L	98
13) Acetone	4.118	43	57471	69.191	ug/L	97
14) Carbon disulfide	4.393	76	118039	13.520	ug/L	100
15) Methyl Acetate	4.667	43	41203	32.204	ug/L	98
16) Methylene chloride	4.911	84	81602	24.733	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	56393	18.956	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	151662	33.790	ug/L	98
19) 1,1-Dichloroethane	6.216	63	172265	29.911	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79622	24.782	ug/L	98
22) 2-Butanone	7.167	43	67470	71.544	ug/L	99
23) Bromochloromethane	7.514	128	39196	27.595	ug/L	96
25) Chloroform	7.679	83	173423	29.250	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117794	28.133	ug/L	98
29) Cyclohexane	7.959	56	113068	27.514	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	149456	36.188	ug/L	98
31) Carbon tetrachloride	8.069	117	127615	32.942	ug/L	98
33) Benzene	8.325	78	339374	35.005	ug/L	100
34) Trichloroethene	9.093	95	78881	29.163	ug/L	97
35) Methylcyclohexane	9.331	83	85233	18.642	ug/L	99
37) 1,2-Dichloropropane	9.367	63	92507	37.304	ug/L	100
38) Bromodichloromethane	9.642	83	121368	36.301	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	127055	31.993	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123448	90.187	ug/L	98
42) Toluene	10.386	91	327448	30.947	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	97071	28.951	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	69041	38.534	ug/L	96
46) Tetrachloroethene	10.861	164	54163	24.842	ug/L	98
48) 2-Hexanone	10.965	43	97029	90.492	ug/L	98
49) Dibromochloromethane	11.123	129	75109	35.397	ug/L	98
50) 1,2-Dibromoethane	11.233	107	58043	33.880	ug/L	96
51) Chlorobenzene	11.654	112	171872	25.591	ug/L	98
52) Ethylbenzene	11.727	91	327033	26.476	ug/L	100
53) m,p-Xylene	11.837	106	117845	25.353	ug/L	97
54) o-Xylene	12.160	106	120446	27.943	ug/L	93
55) Styrene	12.178	104	166140	22.439	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	74253	36.233	ug/L	95
59) Bromoform	12.343	173	43447	62.029	ug/L	99
60) Isopropylbenzene	12.458	105	289005	41.614	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57351	64.288	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	171749	36.857	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	198811	35.333	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	82926	26.765	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	79657	25.711	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	84704	31.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12231	58.365	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	36350	16.843	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	23749	12.953	ug/L	94
71) Naphthalene	15.354	128	70437	22.383	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	21919	14.502	ug/L	96

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

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