Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
Data File : VW028293.D
Acq On : 03 Apr 2024 15:10
Operator : SY/MD
Sample : P1965-06MSD
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

Quant Time: Apr 04 03:03:42 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	276268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114660	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	63739	19.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.880%			
7) Chloroethane-d5	2.893	69	54408	24.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.360%			
11) 1,1-Dichloroethene-d2	4.021	65	40981	19.992	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.960%			
21) 2-Butanone-d5	7.081	46	73395	76.984	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 153.960%#			
24) Chloroform-d	7.648	84	222288	27.287	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.160%			
26) 1,2-Dichloroethane-d4	8.307	65	123786	27.573	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.280%			
32) Benzene-d6	8.276	84	409690	27.731	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.920%			
36) 1,2-Dichloropropane-d6	9.270	67	129400	30.436	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.760%#			
41) Toluene-d8	10.318	98	354429	26.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.040%			
43) trans-1,3-Dichloroprop...	10.574	79	55372	28.676	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.720%			
47) 2-Hexanone-d5	10.922	63	59813	85.113	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 170.220%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114989	36.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 146.440%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	113842	27.255	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	76732	19.146	ug/L #	86
3) Chloromethane	2.222	50	72753	25.595	ug/L	99
5) Vinyl chloride	2.375	62	87097	27.107	ug/L	99
6) Bromomethane	2.789	94	51434	26.879	ug/L	97
8) Chloroethane	2.936	64	50660	29.334	ug/L	97
9) Trichlorofluoromethane	3.271	101	110171	28.360	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	97307	25.215	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	95786	26.850	ug/L	87
13) Acetone	4.130	43	65257	61.647	ug/L	98
14) Carbon disulfide	4.393	76	267200	24.014	ug/L	98
15) Methyl Acetate	4.673	43	50715	31.103	ug/L	100
16) Methylene chloride	4.923	84	108278	25.751	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	103391	27.271	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	175546	30.689	ug/L	98
19) 1,1-Dichloroethane	6.222	63	209975	28.608	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	116949	28.562	ug/L	98
22) 2-Butanone	7.173	43	77011	64.076	ug/L	99
23) Bromochloromethane	7.514	128	52662	29.091	ug/L	95
25) Chloroform	7.679	83	212679	28.146	ug/L	94

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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	143552	26.902	ug/L		96
29) Cyclohexane	7.959	56	157439	24.945	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	175856	27.724	ug/L		99
31) Carbon tetrachloride	8.075	117	154221	25.921	ug/L		98
33) Benzene	8.325	78	440821	29.605	ug/L		100
34) Trichloroethene	9.093	95	115295	27.754	ug/L		96
35) Methylcyclohexane	9.337	83	136745	19.474	ug/L		99
37) 1,2-Dichloropropane	9.367	63	118495	31.113	ug/L		100
38) Bromodichloromethane	9.642	83	151841	29.570	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	189130	31.008	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	150650	71.661	ug/L		98
42) Toluene	10.385	91	467627	28.776	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	159498	30.973	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	88230	32.063	ug/L		98
46) Tetrachloroethene	10.861	164	83435	24.916	ug/L		97
48) 2-Hexanone	10.965	43	119778	72.734	ug/L		98
49) Dibromochloromethane	11.129	129	99604	30.563	ug/L		97
50) 1,2-Dibromoethane	11.233	107	82950	31.526	ug/L	#	98
51) Chlorobenzene	11.654	112	286942	27.818	ug/L		98
52) Ethylbenzene	11.727	91	506907	26.721	ug/L		96
53) m,p-Xylene	11.836	106	190459	26.679	ug/L		100
54) o-Xylene	12.166	106	184176	27.821	ug/L		97
55) Styrene	12.178	104	327913	28.837	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	104842	33.310	ug/L		97
59) Bromoform	12.342	173	58408	33.995	ug/L		97
60) Isopropylbenzene	12.458	105	472755	27.751	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	77227	35.291	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	292290	25.571	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	365393	26.473	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	200248	26.348	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	207714	27.332	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	185783	28.386	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17530	34.102	ug/L		95
69) 1,3,5-Trichlorobenzene	14.623	180	97849	18.483	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	82008	18.234	ug/L		98
71) Naphthalene	15.360	128	220042	28.505	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	70326	18.968	ug/L		100

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

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