Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029275.D
Acq On : 20 Jun 2024 22:55
Operator : SY/MD
Sample : P2963-23MS
Misc : 5.57g/10mL/MSVOA_W/SOIL/A
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CS3MS

Quant Time: Jun 21 04:50:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 02:43:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	388313	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103858	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101608	18.905	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.600%			
7) Chloroethane-d5	2.899	69	89676	19.758	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.040%			
11) 1,1-Dichloroethene-d2	4.021	65	49701	19.152	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.600%			
21) 2-Butanone-d5	7.075	46	67938	42.249	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.500%			
24) Chloroform-d	7.648	84	248043	21.413	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.640%			
26) 1,2-Dichloroethane-d4	8.300	65	141506	21.277	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.120%			
32) Benzene-d6	8.270	84	452595	24.655	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.640%			
36) 1,2-Dichloropropane-d6	9.270	67	155208	26.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.400%			
41) Toluene-d8	10.318	98	363535	22.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.520%			
43) trans-1,3-Dichloroprop...	10.574	79	41848	17.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.200%			
47) 2-Hexanone-d5	10.922	63	31217	34.126	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.260%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111984	24.112	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	84038	23.311	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	64869	17.123	ug/L	93
3) Chloromethane	2.222	50	90783	16.806	ug/L	100
5) Vinyl chloride	2.375	62	117606	18.958	ug/L	97
6) Bromomethane	2.789	94	44578	11.956	ug/L	91
8) Chloroethane	2.930	64	78241	20.621	ug/L	98
9) Trichlorofluoromethane	3.265	101	100261	20.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99701	18.802	ug/L	94
12) 1,1-Dichloroethene	4.051	96	95640	21.256	ug/L	83
13) Acetone	4.124	43	49465	36.197	ug/L	96
14) Carbon disulfide	4.393	76	231710	15.775	ug/L	99
15) Methyl Acetate	4.673	43	31424	11.583	ug/L	99
16) Methylene chloride	4.923	84	140944	20.642	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	102950	20.603	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	212796	26.618	ug/L	98
19) 1,1-Dichloroethane	6.215	63	241334	22.362	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	118345	21.478	ug/L	97
22) 2-Butanone	7.167	43	69276	36.982	ug/L	98
23) Bromochloromethane	7.508	128	53641	21.868	ug/L	95
25) Chloroform	7.679	83	229477	21.776	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163721	21.065	ug/L	100
29) Cyclohexane	7.953	56	151045	21.862	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	170809	25.416	ug/L	96
31) Carbon tetrachloride	8.069	117	144300	23.505	ug/L	97
33) Benzene	8.325	78	448227	24.683	ug/L	100
34) Trichloroethene	9.087	95	110308	22.769	ug/L	95
35) Methylcyclohexane	9.331	83	124202	16.301	ug/L	99
37) 1,2-Dichloropropane	9.367	63	137379	26.923	ug/L	98
38) Bromodichloromethane	9.642	83	158178	25.354	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	116553	16.159	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	143699	45.436	ug/L	99
42) Toluene	10.385	91	419526	22.473	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	111219	18.261	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	93574	26.331	ug/L	97
46) Tetrachloroethene	10.861	164	65234	19.262	ug/L	95
48) 2-Hexanone	10.965	43	80779	35.995	ug/L	98
49) Dibromochloromethane	11.123	129	89762	24.163	ug/L	98
50) 1,2-Dibromoethane	11.233	107	73985	23.192	ug/L	100
51) Chlorobenzene	11.654	112	247095	20.383	ug/L	97
52) Ethylbenzene	11.727	91	445978	21.046	ug/L	92
53) m,p-Xylene	11.836	106	162053	20.936	ug/L	90
54) o-Xylene	12.160	106	160363	22.168	ug/L	93
55) Styrene	12.178	104	221251	17.542	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	106928	24.324	ug/L	97
59) Bromoform	12.349	173	42706	30.002	ug/L	92
60) Isopropylbenzene	12.458	105	396796	28.673	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79581	35.130	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	267479	26.688	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	285143	26.443	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	135987	22.707	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	136796	21.469	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	123895	22.378	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	16210	30.663	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	60463	14.960	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	45936	14.020	ug/L	96
71) Naphthalene	15.360	128	114890	17.767	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	36852	12.344	ug/L	93

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

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