Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029271.D
Acq On : 20 Jun 2024 21:19
Operator : SY/MD
Sample : P2964-09MS
Misc : 5.07g/10mL/MSVOA_W/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

Quant Time: Jun 21 04:48:34 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	8.837	114	419716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	325764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113498	19.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.160%			
7) Chloroethane-d5	2.893	69	92631	18.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.520%			
11) 1,1-Dichloroethene-d2	4.021	65	55965	19.952	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.800%			
21) 2-Butanone-d5	7.069	46	89380	51.425	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.860%			
24) Chloroform-d	7.648	84	267340	21.353	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.400%			
26) 1,2-Dichloroethane-d4	8.307	65	151234	21.038	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.160%			
32) Benzene-d6	8.276	84	512762	25.914	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.640%			
36) 1,2-Dichloropropane-d6	9.270	67	164822	26.204	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	10.319	98	431631	24.656	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.640%			
43) trans-1,3-Dichloroprop...	10.575	79	58283	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.960%			
47) 2-Hexanone-d5	10.922	63	62023	62.903	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.800%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	122284	24.427	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.720%			
66) 1,2-Dichlorobenzene-d4	13.849	152	89286	22.632	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	86168	21.043	ug/L #	86
3) Chloromethane	2.223	50	113515	19.442	ug/L	100
5) Vinyl chloride	2.375	62	127223	18.974	ug/L	99
6) Bromomethane	2.790	94	73570	18.256	ug/L	94
8) Chloroethane	2.930	64	81043	19.761	ug/L	98
9) Trichlorofluoromethane	3.265	101	117788	22.659	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107686	18.788	ug/L	91
12) 1,1-Dichloroethene	4.045	96	105031	21.597	ug/L	89
13) Acetone	4.119	43	78417	53.090	ug/L	97
14) Carbon disulfide	4.393	76	275938	17.381	ug/L	100
15) Methyl Acetate	4.667	43	68291	23.289	ug/L	98
16) Methylene chloride	4.917	84	132675	17.977	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	112855	20.896	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	221928	25.683	ug/L	98
19) 1,1-Dichloroethane	6.216	63	257339	22.061	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	130060	21.838	ug/L	99
22) 2-Butanone	7.167	43	98761	48.777	ug/L	99
23) Bromochloromethane	7.514	128	57832	21.813	ug/L	93
25) Chloroform	7.679	83	246071	21.603	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172824	20.573	ug/L	98
29) Cyclohexane	7.953	56	173054	23.237	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	189011	26.092	ug/L	97
31) Carbon tetrachloride	8.069	117	165774	25.051	ug/L	95
33) Benzene	8.325	78	516159	26.370	ug/L	100
34) Trichloroethene	9.087	95	126067	24.141	ug/L	95
35) Methylcyclohexane	9.331	83	137074	16.690	ug/L	98
37) 1,2-Dichloropropane	9.368	63	145827	26.514	ug/L	98
38) Bromodichloromethane	9.642	83	168714	25.089	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	193867	24.935	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	216837	63.607	ug/L	98
42) Toluene	10.386	91	504183	25.056	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	160188	24.401	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99644	26.013	ug/L	97
46) Tetrachloroethene	10.861	164	75560	20.699	ug/L	92
48) 2-Hexanone	10.965	43	148273	61.297	ug/L	97
49) Dibromochloromethane	11.123	129	100319	25.053	ug/L	95
50) 1,2-Dibromoethane	11.233	107	86821	25.249	ug/L	99
51) Chlorobenzene	11.654	112	287704	22.018	ug/L	98
52) Ethylbenzene	11.727	91	526692	23.059	ug/L	98
53) m,p-Xylene	11.837	106	186453	22.348	ug/L	92
54) o-Xylene	12.160	106	182021	23.344	ug/L	92
55) Styrene	12.178	104	293508	21.589	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	116650	24.618	ug/L	97
59) Bromoform	12.349	173	54623	35.066	ug/L	97
60) Isopropylbenzene	12.459	105	459921	30.369	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89069	35.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303953	27.713	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	325288	27.565	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	151595	23.131	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	153118	21.959	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	137438	22.684	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17670	30.544	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	61372	13.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	42220	11.775	ug/L	97
71) Naphthalene	15.360	128	117741	16.638	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	35121	10.750	ug/L	98

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

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