Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030049.D
Acq On : 27 Aug 2024 17:09
Operator : SY/MD
Sample : P3722-03MSD
Misc : 5.34g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DCYD5MSD

Quant Time: Aug 28 01:17:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	74565	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	86144	19.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.200%			
7) Chloroethane-d5	2.899	69	62985	19.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.520%			
11) 1,1-Dichloroethene-d2	4.021	65	36422	19.095	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.360%			
21) 2-Butanone-d5	7.081	46	53334	59.928	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.860%			
24) Chloroform-d	7.648	84	161898	20.011	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.040%			
26) 1,2-Dichloroethane-d4	8.307	65	91261	22.215	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.880%			
32) Benzene-d6	8.276	84	323475	24.652	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	9.270	67	101196	26.323	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.280%			
41) Toluene-d8	10.325	98	264339	22.133	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.520%			
43) trans-1,3-Dichloroprop...	10.575	79	39536	25.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.000%			
47) 2-Hexanone-d5	10.922	63	45202	76.825	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 153.660%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74737	26.405	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	48756	18.078	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	50287	14.574	ug/L	91
3) Chloromethane	2.229	50	71198	17.750	ug/L	97
5) Vinyl chloride	2.375	62	75494	15.923	ug/L	95
6) Bromomethane	2.789	94	44983	15.267	ug/L	98
8) Chloroethane	2.930	64	43705	15.997	ug/L	100
9) Trichlorofluoromethane	3.265	101	61202	14.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	59485	15.144	ug/L #	61
12) 1,1-Dichloroethene	4.045	96	58199	15.134	ug/L	88
13) Acetone	4.118	43	310134	380.995	ug/L	98
14) Carbon disulfide	4.399	76	194457	16.300	ug/L	98
15) Methyl Acetate	4.667	43	59492	37.486	ug/L	99
16) Methylene chloride	4.923	84	69989	14.122	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	65118	15.311	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	116096	17.850	ug/L	98
19) 1,1-Dichloroethane	6.216	63	127869	16.180	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	72239	15.368	ug/L	93
22) 2-Butanone	7.173	43	51186	43.944	ug/L	97
23) Bromochloromethane	7.520	128	31103	15.600	ug/L	98
25) Chloroform	7.679	83	126462	15.644	ug/L	99

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Quant Time: Aug 28 01:17:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86863	16.787	ug/L		99
29) Cyclohexane	7.953	56	96816	18.037	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	95629	18.367	ug/L		99
31) Carbon tetrachloride	8.075	117	82264	17.586	ug/L		100
33) Benzene	8.325	78	269575	18.927	ug/L		100
34) Trichloroethene	9.093	95	65990	17.207	ug/L		98
35) Methylcyclohexane	9.331	83	95763	15.246	ug/L		95
37) 1,2-Dichloropropane	9.367	63	71739	19.891	ug/L		99
38) Bromodichloromethane	9.642	83	86840	19.083	ug/L		97
39) cis-1,3-Dichloropropene	10.069	75	106412	19.169	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	101288	56.418	ug/L		98
42) Toluene	10.386	91	305939	20.171	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	86830	19.330	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	51650	19.539	ug/L		98
46) Tetrachloroethene	10.861	164	41931	14.405	ug/L		97
48) 2-Hexanone	10.965	43	73883	57.889	ug/L		95
49) Dibromochloromethane	11.129	129	50567	18.003	ug/L		87
50) 1,2-Dibromoethane	11.233	107	50454	20.433	ug/L	#	100
51) Chlorobenzene	11.654	112	144952	14.947	ug/L		95
52) Ethylbenzene	11.727	91	264757	15.406	ug/L		96
53) m,p-Xylene	11.837	106	97483	15.200	ug/L		100
54) o-Xylene	12.160	106	90159	14.647	ug/L		99
55) Styrene	12.178	104	137955	13.376	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61002	20.492	ug/L		98
59) Bromoform	12.343	173	29197	26.294	ug/L		98
60) Isopropylbenzene	12.458	105	257278	21.627	ug/L	#	78
61) 1,2,3-Trichloropropane	12.763	75	45863	30.250	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	163947	18.535	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	161027	17.272	ug/L		96
64) 1,3-Dichlorobenzene	13.495	146	74529	14.696	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	75322	14.702	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	68198	15.033	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9113	28.080	ug/L		90
69) 1,3,5-Trichlorobenzene	14.617	180	30749	9.287	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	26659	9.303	ug/L		99
71) Naphthalene	15.360	128	84122	15.373	ug/L		100
72) 1,2,3-Trichlorobenzene	15.543	180	22344	8.883	ug/L		95

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

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