

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030046.D
 Acq On : 27 Aug 2024 15:57
 Operator : SY/MD
 Sample : P3675-21MSD
 Misc : 5.94g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYA1MSD

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:16:05 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	315348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85730	18.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
7) Chloroethane-d5	2.893	69	59194	17.773	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.080%
11) 1,1-Dichloroethene-d2	4.021	65	37446	18.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.720%
21) 2-Butanone-d5	7.081	46	49126	52.515	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.020%
24) Chloroform-d	7.648	84	166955	19.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.520%
26) 1,2-Dichloroethane-d4	8.306	65	91412	21.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.680%
32) Benzene-d6	8.270	84	331324	20.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.520%
36) 1,2-Dichloropropane-d6	9.270	67	105432	22.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	10.324	98	297304	20.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	10.574	79	44192	22.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.922	63	45323	62.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87590	24.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	77823	19.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	73723m	20.327	ug/L	
3) Chloromethane	2.222	50	80011	18.977	ug/L	95
5) Vinyl chloride	2.375	62	86463	17.350	ug/L	95
6) Bromomethane	2.789	94	52808	17.051	ug/L	93
8) Chloroethane	2.929	64	50065	17.434	ug/L	94
9) Trichlorofluoromethane	3.265	101	76303	17.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	76410m	18.507	ug/L	
12) 1,1-Dichloroethene	4.045	96	70858	17.529	ug/L	98
13) Acetone	4.136	43	58046	67.840	ug/L	96
14) Carbon disulfide	4.393	76	240605	19.188	ug/L	98
15) Methyl Acetate	4.673	43	38051	22.809	ug/L	96
16) Methylene chloride	4.917	84	91916	17.644	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	79239	17.725	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	141895	20.755	ug/L	98
19) 1,1-Dichloroethane	6.215	63	158208	19.045	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	88568	17.926	ug/L	94
22) 2-Butanone	7.173	43	54394	44.426	ug/L	97
23) Bromochloromethane	7.520	128	38837	18.532	ug/L	93
25) Chloroform	7.672	83	156399	18.407	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	107925	19.843	ug/L	98
29) Cyclohexane	7.959	56	128884	19.383	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	121326	18.811	ug/L	99
31) Carbon tetrachloride	8.069	117	108602	18.742	ug/L	98
33) Benzene	8.325	78	345914	19.606	ug/L	100
34) Trichloroethene	9.093	95	88715	18.674	ug/L	97
35) Methylcyclohexane	9.337	83	127895	16.437	ug/L	94
37) 1,2-Dichloropropane	9.367	63	92593	20.725	ug/L	99
38) Bromodichloromethane	9.642	83	112959	20.038	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	140658	20.455	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	130552	58.702	ug/L	96
42) Toluene	10.385	91	355042	18.896	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	118334	21.266	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	68276	20.850	ug/L	98
46) Tetrachloroethene	10.861	164	62652	17.375	ug/L	95
48) 2-Hexanone	10.965	43	92978	58.809	ug/L	94
49) Dibromochloromethane	11.123	129	72299	20.779	ug/L	92
50) 1,2-Dibromoethane	11.233	107	67491	22.064	ug/L	96
51) Chlorobenzene	11.653	112	216755	18.042	ug/L	96
52) Ethylbenzene	11.727	91	381113	17.902	ug/L	97
53) m,p-Xylene	11.836	106	139301	17.534	ug/L	94
54) o-Xylene	12.159	106	136273	17.871	ug/L	99
55) Styrene	12.178	104	231670	18.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	87102	23.620	ug/L	98
59) Bromoform	12.348	173	40796	24.587	ug/L	96
60) Isopropylbenzene	12.458	105	363963	20.475	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62967	27.794	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	268397	20.307	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	263040	18.881	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	138564	18.285	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	140239	18.319	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	127196	18.763	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14360	29.611	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	66002	13.340	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	57789	13.496	ug/L	99
71) Naphthalene	15.360	128	172220	21.062	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	51884	13.804	ug/L	99

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

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