

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030821.D
 Acq On : 29 Oct 2024 22:04
 Operator : SY/MD
 Sample : P4568-04MS
 Misc : 4.98g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349252	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	262667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43177	7.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.480%
7) Chloroethane-d5	2.905	69	54567	13.131	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.520%
11) 1,1-Dichloroethene-d2	4.027	65	18993m	8.318	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.280%#
21) 2-Butanone-d5	7.081	46	48258	48.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.700%
24) Chloroform-d	7.648	84	194338	19.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.840%
26) 1,2-Dichloroethane-d4	8.307	65	95238	18.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.360%
32) Benzene-d6	8.276	84	240294	15.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.040%
36) 1,2-Dichloropropane-d6	9.276	67	96072	21.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	10.325	98	167364	12.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	48.120%
43) trans-1,3-Dichloroprop...	10.575	79	32807	17.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.040%
47) 2-Hexanone-d5	10.922	63	35332	61.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85308	25.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	50603	17.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62962	14.110	ug/L	95
3) Chloromethane	2.222	50	70680	13.629	ug/L	99
5) Vinyl chloride	2.375	62	96522	15.134	ug/L	98
6) Bromomethane	2.789	94	66223	15.775	ug/L	94
8) Chloroethane	2.936	64	65315	16.753	ug/L	99
9) Trichlorofluoromethane	3.271	101	83795	14.684	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88587	17.254	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68077	14.528	ug/L	85
13) Acetone	4.131	43	40547	28.034	ug/L	96
14) Carbon disulfide	4.393	76	157175	10.272	ug/L	99
15) Methyl Acetate	4.673	43	28586	16.000	ug/L	98
16) Methylene chloride	4.917	84	87236	16.522	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	74377	14.710	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	127653	18.039	ug/L	99
19) 1,1-Dichloroethane	6.216	63	173227	18.434	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	89007	16.504	ug/L	97
22) 2-Butanone	7.179	43	39441	25.298	ug/L	99
23) Bromochloromethane	7.514	128	40133	17.011	ug/L #	88
25) Chloroform	7.679	83	184519	18.374	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108688	16.405	ug/L	98
29) Cyclohexane	7.959	56	90799	14.201	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	137666	19.743	ug/L	99
31) Carbon tetrachloride	8.075	117	110887	17.805	ug/L	99
33) Benzene	8.325	78	327806	19.178	ug/L	100
34) Trichloroethene	9.093	95	74489	15.664	ug/L	98
35) Methylcyclohexane	9.337	83	89986	12.024	ug/L	99
37) 1,2-Dichloropropane	9.368	63	90484	21.195	ug/L	100
38) Bromodichloromethane	9.642	83	117318	20.655	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	117860	18.303	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	83248	40.591	ug/L	99
42) Toluene	10.386	91	306149	16.788	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	93829	17.340	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	60370	19.566	ug/L	99
46) Tetrachloroethene	10.861	164	39770	11.339	ug/L	93
48) 2-Hexanone	10.971	43	56572	33.730	ug/L	96
49) Dibromochloromethane	11.129	129	60856	17.677	ug/L	96
50) 1,2-Dibromoethane	11.233	107	51168	17.773	ug/L	100
51) Chlorobenzene	11.654	112	172402	14.686	ug/L	97
52) Ethylbenzene	11.727	91	272768	13.109	ug/L	100
53) m,p-Xylene	11.837	106	95735	12.281	ug/L	98
54) o-Xylene	12.160	106	97086	13.471	ug/L	100
55) Styrene	12.178	104	146962	11.928	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61296	17.617	ug/L	97
59) Bromoform	12.349	173	30495	24.814	ug/L	99
60) Isopropylbenzene	12.465	105	212666	15.700	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44068	25.891	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	148847	13.928	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	150639	14.397	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	87056	14.765	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	86543	14.215	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	79283	15.281	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	7372	19.425	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	37520	9.650	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	27289	8.718	ug/L	99
71) Naphthalene	15.360	128	62808	11.614	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25322	9.332	ug/L	99

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

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