

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030580.D
 Acq On : 12 Oct 2024 04:50
 Operator : SY/MD
 Sample : P4361-10MSD
 Misc : 3.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAZ0MSD

Quant Time: Oct 14 04:52:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

10/15/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	488945	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.629	117	341474	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119599	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	183157	23.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	2.893	69	154253	26.515	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.040%
11) 1,1-Dichloroethene-d2	4.021	65	70992	22.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.840%
21) 2-Butanone-d5	7.075	46	68558	49.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.140%
24) Chloroform-d	7.648	84	325075	23.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.307	65	174812	24.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.276	84	610086	30.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.120%
36) 1,2-Dichloropropane-d6	9.276	67	180505	31.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.120%#
41) Toluene-d8	10.319	98	492083	27.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	10.575	79	66421	27.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	56824	75.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.680%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125664	29.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	103406	25.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91341	14.622	ug/L	99
3) Chloromethane	2.229	50	112981	15.561	ug/L	97
5) Vinyl chloride	2.375	62	141393	15.836	ug/L	98
6) Bromomethane	2.789	94	87433	14.877	ug/L	96
8) Chloroethane	2.936	64	88091	16.139	ug/L	99
9) Trichlorofluoromethane	3.271	101	114332	14.311	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95917	13.344	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	98322m	14.988	ug/L	
13) Acetone	4.125	43	49753	24.571	ug/L	97
14) Carbon disulfide	4.393	76	243771	11.380	ug/L	100
15) Methyl Acetate	4.673	43	39904	15.953	ug/L	96
16) Methylene chloride	4.917	84	114809	15.532	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	98706	13.944	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	177211	17.888	ug/L	98
19) 1,1-Dichloroethane	6.216	63	192703	14.647	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	111359	14.749	ug/L	92
22) 2-Butanone	7.167	43	62539	28.652	ug/L	97
23) Bromochloromethane	7.520	128	52154	15.790	ug/L	92
25) Chloroform	7.679	83	204983	14.580	ug/L	98

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27) 1,2-Dichloroethane	8.398	62	130102	14.027	ug/L	98
29) Cyclohexane	7.959	56	135523	16.304	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	165424	18.249	ug/L	97
31) Carbon tetrachloride	8.069	117	130527	16.122	ug/L	98
33) Benzene	8.325	78	410458	18.471	ug/L	100
34) Trichloroethene	9.093	95	99716	16.130	ug/L	99
35) Methylcyclohexane	9.337	83	137140	14.096	ug/L	97
37) 1,2-Dichloropropane	9.368	63	100269	18.067	ug/L	99
38) Bromodichloromethane	9.642	83	119042	16.122	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	139676	16.685	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	122339	45.884	ug/L	98
42) Toluene	10.386	91	387301	16.337	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	114523	16.280	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	76726	19.128	ug/L	98
46) Tetrachloroethene	10.861	164	59865	13.129	ug/L	92
48) 2-Hexanone	10.965	43	86630	39.731	ug/L	96
49) Dibromochloromethane	11.123	129	67889	15.169	ug/L	98
50) 1,2-Dibromoethane	11.233	107	67717	18.093	ug/L	94
51) Chlorobenzene	11.654	112	210117	13.768	ug/L	99
52) Ethylbenzene	11.727	91	354072	13.089	ug/L	99
53) m,p-Xylene	11.837	106	131853	13.010	ug/L	100
54) o-Xylene	12.160	106	130138	13.890	ug/L	92
55) Styrene	12.178	104	211803	13.223	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	80335	17.760	ug/L	95
59) Bromoform	12.343	173	35640	21.210	ug/L	98
60) Isopropylbenzene	12.458	105	310638	16.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60343	25.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	229654	15.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	227024	15.868	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	118122	14.652	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	122014	14.657	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	107994	15.223	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11808	22.755	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	67958	12.783	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	55666	13.007	ug/L	98
71) Naphthalene	15.360	128	144754	19.577	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	47855	12.898	ug/L	99

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

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