

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030921.D
 Acq On : 04 Nov 2024 21:26
 Operator : SY/MD
 Sample : P4604-03MSD
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4ED4MSD

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	645749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	561880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248028	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	218800	20.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
7) Chloroethane-d5	2.893	69	169105	20.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	4.027	65	92638	21.198	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	7.075	46	79661	45.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.420%
24) Chloroform-d	7.648	84	424381	22.293	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.307	65	207324	21.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.276	84	821365	23.530	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	9.270	67	242153	23.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.325	98	719825	22.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.575	79	96083	23.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.922	63	67481	50.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170033	23.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	218629	24.199	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.009	85	117609m	17.098	ug/L
3) Chloromethane	2.229	50	166179	17.930	ug/L
5) Vinyl chloride	2.381	62	179396	16.332	ug/L
6) Bromomethane	2.789	94	119187	16.526	ug/L
8) Chloroethane	2.930	64	110063	16.529	ug/L
9) Trichlorofluoromethane	3.265	101	153113	15.274	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	144697	15.679	ug/L
12) 1,1-Dichloroethene	4.045	96	148190	17.754	ug/L #
13) Acetone	4.119	43	52247	24.544	ug/L
14) Carbon disulfide	4.399	76	448484	16.345	ug/L
15) Methyl Acetate	4.667	43	56797	18.191	ug/L
16) Methylene chloride	4.923	84	158711	17.385	ug/L
17) trans-1,2-Dichloroethene	5.423	96	159749	17.446	ug/L
18) Methyl tert-butyl Ether	5.423	73	239501	19.379	ug/L
19) 1,1-Dichloroethane	6.216	63	303315	17.751	ug/L
20) cis-1,2-Dichloroethene	7.167	96	177307	18.253	ug/L
22) 2-Butanone	7.173	43	80065	33.587	ug/L
23) Bromochloromethane	7.514	128	78439	18.438	ug/L
25) Chloroform	7.673	83	316372	17.597	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192920	17.230	ug/L	99
29) Cyclohexane	7.953	56	247070	18.349	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	243143	16.846	ug/L	99
31) Carbon tetrachloride	8.069	117	218229	16.826	ug/L	100
33) Benzene	8.319	78	676241	18.672	ug/L	100
34) Trichloroethene	9.087	95	164504	16.472	ug/L	91
35) Methylcyclohexane	9.331	83	266506	16.837	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168726	18.642	ug/L	99
38) Bromodichloromethane	9.642	83	219762	18.489	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	258808	19.115	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	170948	41.300	ug/L	98
42) Toluene	10.386	91	673313	17.557	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	208122	18.503	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	123213	18.966	ug/L	97
46) Tetrachloroethene	10.861	164	110476	14.470	ug/L	97
48) 2-Hexanone	10.965	43	120957	38.410	ug/L	96
49) Dibromochloromethane	11.129	129	139477	19.691	ug/L	94
50) 1,2-Dibromoethane	11.233	107	112834	18.833	ug/L	94
51) Chlorobenzene	11.654	112	409591	16.688	ug/L	91
52) Ethylbenzene	11.727	91	666495	15.381	ug/L	98
53) m,p-Xylene	11.837	106	252810	15.512	ug/L	96
54) o-Xylene	12.160	106	248643	16.580	ug/L	93
55) Styrene	12.178	104	443523	17.310	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	134587	18.983	ug/L	96
59) Bromoform	12.349	173	71138	20.086	ug/L	99
60) Isopropylbenzene	12.459	105	587750	15.535	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	95495	20.536	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	485598	16.302	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	467321	16.109	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	277959	16.732	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	288172	16.897	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	268801	18.155	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20849	21.178	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	167835	15.225	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	153323	17.516	ug/L	98
71) Naphthalene	15.360	128	320565	22.591	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	146536	19.425	ug/L	91

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

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