

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031411.D
 Acq On : 20 Dec 2024 02:56
 Operator : SY/MD
 Sample : P5258-06MSD
 Misc : 4.19g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MSD

Quant Time: Dec 20 04:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben
 Patel

12/20/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	547876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	492246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241109	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	153998	18.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	2.899	69	128276	21.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.015	65	65145	16.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.640%
21) 2-Butanone-d5	7.100	46	75136	48.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
24) Chloroform-d	7.648	84	325701	21.697	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	8.301	65	178254	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.270	84	625953	19.840	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.360%
36) 1,2-Dichloropropane-d6	9.270	67	191166	20.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	10.319	98	566857	19.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.240%
43) trans-1,3-Dichloroprop...	10.575	79	76013	17.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.720%
47) 2-Hexanone-d5	10.922	63	59243	47.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150314	26.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	200856	22.440	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.760%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	99816	20.159	ug/L	94
3) Chloromethane	2.216	50	124690	22.416	ug/L	96
5) Vinyl chloride	2.369	62	183565	23.812	ug/L	98
6) Bromomethane	2.789	94	127569	26.917	ug/L	98
8) Chloroethane	2.930	64	124414	27.138	ug/L	99
9) Trichlorofluoromethane	3.265	101	161175	19.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	146340	22.067	ug/L	98
12) 1,1-Dichloroethene	4.039	96	152093	22.645	ug/L	88
13) Acetone	4.173	43	59839	27.677	ug/L #	100
14) Carbon disulfide	4.387	76	412087	18.813	ug/L	98
15) Methyl Acetate	4.685	43	70662m	28.776	ug/L	
16) Methylene chloride	4.917	84	178437	25.885	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	174251	24.068	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	330925	27.342	ug/L	99
19) 1,1-Dichloroethane	6.216	63	339872	25.122	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	205456	26.229	ug/L	99
22) 2-Butanone	7.191	43	92002	35.120	ug/L	95
23) Bromochloromethane	7.508	128	88092	28.198	ug/L	89
25) Chloroform	7.673	83	365236	27.354	ug/L	100

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27) 1,2-Dichloroethane	8.398	62	240007	28.592	ug/L	98
29) Cyclohexane	7.953	56	251751	18.859	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	274462	21.572	ug/L	99
31) Carbon tetrachloride	8.069	117	230853	20.366	ug/L	99
33) Benzene	8.319	78	749472	24.638	ug/L	100
34) Trichloroethene	9.087	95	205860	23.970	ug/L	92
35) Methylcyclohexane	9.331	83	300547	20.095	ug/L	97
37) 1,2-Dichloropropane	9.368	63	192864	25.415	ug/L	100
38) Bromodichloromethane	9.642	83	246066	24.942	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	290291	22.637	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	217561	54.037	ug/L	99
42) Toluene	10.386	91	818269	24.707	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	244940	23.393	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	146395	29.003	ug/L	96
46) Tetrachloroethene	10.861	164	139196	22.127	ug/L	96
48) 2-Hexanone	10.965	43	141937	41.451	ug/L	99
49) Dibromochloromethane	11.123	129	151870	25.383	ug/L	85
50) 1,2-Dibromoethane	11.233	107	137127	28.678	ug/L	97
51) Chlorobenzene	11.654	112	519782	25.031	ug/L	98
52) Ethylbenzene	11.727	91	930551	24.243	ug/L	95
53) m,p-Xylene	11.837	106	353846	24.215	ug/L	97
54) o-Xylene	12.160	106	344270	24.999	ug/L	99
55) Styrene	12.178	104	609326	26.599	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	163476	30.044	ug/L	98
59) Bromoform	12.349	173	81138	23.954	ug/L	98
60) Isopropylbenzene	12.458	105	928269	23.526	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	123266	29.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	778914	23.285	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	759656	23.496	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	406804	25.447	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	409546	25.857	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	365339	26.524	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	26344	25.161	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	259197	23.151	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	228736	24.560	ug/L	96
71) Naphthalene	15.360	128	482838	29.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	203251	27.087	ug/L	99

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

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