

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030019.D
 Acq On : 23 Aug 2024 18:42
 Operator : SY/MD
 Sample : P3696-03MSD
 Misc : 5.48g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCN87MSD

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 05:07:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	131811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	23013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60463	15.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.560%
7) Chloroethane-d5	2.899	69	56516m	19.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	4.027	65	26918	14.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.080%
21) 2-Butanone-d5	7.075	46	61275	55.994	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.980%
24) Chloroform-d	7.648	84	147012	20.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.760%
26) 1,2-Dichloroethane-d4	8.307	65	92663	22.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.276	84	225007	31.593	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.360%
36) 1,2-Dichloropropane-d6	9.270	67	78216	34.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.560%#
41) Toluene-d8	10.325	98	139324	22.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	10.575	79	31943	34.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	138.840%#
47) 2-Hexanone-d5	10.922	63	50276	134.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	268.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53727	31.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.280%#
66) 1,2-Dichlorobenzene-d4	13.848	152	19140	26.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	58723	15.491	ug/L	99
3) Chloromethane	2.229	50	66236	14.120	ug/L	97
5) Vinyl chloride	2.375	62	89153	16.962	ug/L	99
6) Bromomethane	2.789	94	58740	20.352	ug/L	96
8) Chloroethane	2.936	64	57754	19.315	ug/L	100
9) Trichlorofluoromethane	3.265	101	80781	19.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	54073	12.932	ug/L	92
12) 1,1-Dichloroethene	4.045	96	71572	18.629	ug/L	90
13) Acetone	4.131	43	96093	70.660	ug/L	94
14) Carbon disulfide	4.393	76	160130	12.524	ug/L	99
15) Methyl Acetate	4.673	43	56889m	25.115	ug/L	
16) Methylene chloride	4.917	84	104348	17.748	ug/L	81
17) trans-1,2-Dichloroethene	5.429	96	76028	18.363	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	183733	26.926	ug/L	96
19) 1,1-Dichloroethane	6.216	63	155837	17.847	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	90995	20.262	ug/L	88
22) 2-Butanone	7.173	43	73823	42.366	ug/L	84
23) Bromochloromethane	7.514	128	45835	24.040	ug/L #	71
25) Chloroform	7.673	83	162345	19.733	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122330	20.403	ug/L	96
29) Cyclohexane	7.953	56	46594	12.439	ug/L	90
30) 1,1,1-Trichloroethane	7.868	97	103978	31.150	ug/L	94
31) Carbon tetrachloride	8.069	117	78229	26.009	ug/L	99
33) Benzene	8.319	78	284204	31.469	ug/L	100
34) Trichloroethene	9.093	95	59323	25.057	ug/L	96
35) Methylcyclohexane	9.337	83	34217	8.673	ug/L	90
37) 1,2-Dichloropropane	9.368	63	76322	30.838	ug/L	98
38) Bromodichloromethane	9.642	83	103059	34.968	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	119113	33.047	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	150905	95.993	ug/L #	88
42) Toluene	10.386	91	200252	21.723	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	100430	33.564	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	67779	40.765	ug/L	99
46) Tetrachloroethene	10.861	164	20741	12.053	ug/L	94
48) 2-Hexanone	10.965	43	103648	88.032	ug/L #	87
49) Dibromochloromethane	11.123	129	59053	34.213	ug/L	92
50) 1,2-Dibromoethane	11.233	107	60022	39.016	ug/L #	96
51) Chlorobenzene	11.654	112	92125	16.066	ug/L	95
52) Ethylbenzene	11.727	91	124288	11.952	ug/L	98
53) m,p-Xylene	11.837	106	43494	11.373	ug/L	90
54) o-Xylene	12.166	106	39066	11.093	ug/L	100
55) Styrene	12.178	104	77688	12.726	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	56018	27.450	ug/L #	94
59) Bromoform	12.349	173	32039	92.524	ug/L	99
60) Isopropylbenzene	12.459	105	67008	18.817	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	48969	87.490	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	40417	15.269	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	44387	15.680	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	25428	16.736	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	26195	16.784	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	25850	18.688	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	8496	66.853	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.623	180	6278	6.039	ug/L #	82
70) 1,2,4-trichlorobenzene	15.129	180	6294	7.187	ug/L #	5
71) Naphthalene	15.360	128	39124	23.413	ug/L	95
72) 1,2,3-Trichlorobenzene	15.543	180	5759	7.265	ug/L #	76

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

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