

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020277.D
 Acq On : 30 Sep 2021 18:05
 Operator : SY/VA
 Sample : M3974-05MSD
 Misc : 7.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y9MSD

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 3:16:39 PM

Quant Time: Oct 01 01:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 01 01:03:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	16507	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	5969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15972	47.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.200%#
7) Chloroethane-d5	2.904	69	7517	29.548	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.200%
11) 1,1-Dichloroethene-d2	4.032	63	21353	40.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	161.520%#
21) 2-Butanone-d5	7.098	46	491m	9.422	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.840%#
24) Chloroform-d	7.665	84	10284	19.810	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.240%
26) 1,2-Dichloroethane-d4	8.311	65	3917	14.019	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.080%#
32) Benzene-d6	8.281	84	25936	68.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	272.440%#
36) 1,2-Dichloropropane-d6	9.274	67	3924	35.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.400%#
41) Toluene-d8	10.323	98	11977	34.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	138.280%#
43) trans-1,3-Dichloroprop...	10.579	79	643	13.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.600%
47) 2-Hexanone-d5	10.933	63	345	22.621	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	1598	18.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	13.859	152	921m	29.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	14059	97.240	ug/L	99
3) Chloromethane	2.221	50	10863	54.336	ug/L	99
5) Vinyl chloride	2.361	62	21838	69.563	ug/L	94
6) Bromomethane	2.794	94	6922	34.108	ug/L	100
8) Chloroethane	2.940	64	7206	37.958	ug/L	93
9) Trichlorofluoromethane	3.288	101	28693	129.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	17325	71.751	ug/L	96
12) 1,1-Dichloroethene	4.062	96	10419	47.595	ug/L #	67
13) Acetone	4.129	43	1116m	25.005	ug/L	
14) Carbon disulfide	4.397	76	31124	45.210	ug/L	99
15) Methyl Acetate	4.684	43	697m	8.167	ug/L	
16) Methylene chloride	4.928	84	4694	16.116	ug/L	90
17) trans-1,2-Dichloroethene	5.434	96	10498	45.521	ug/L	88
18) Methyl tert-butyl Ether	5.440	73	4549	16.616	ug/L #	60
19) 1,1-Dichloroethane	6.226	63	11764	27.657	ug/L	90
20) cis-1,2-Dichloroethene	7.177	96	5085	21.681	ug/L	90
22) 2-Butanone	7.196	43	536m	9.257	ug/L	
23) Bromochloromethane	7.519	128	1414m	13.300	ug/L	
25) Chloroform	7.677	83	10727	24.116	ug/L	89

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

27) 1,2-Dichloroethane	8.403	62	4289m	14.652	ug/L	
29) Cyclohexane	7.964	56	15240	114.743	ug/L	96
30) 1,1,1-Trichloroethane	7.884	97	17710	119.736	ug/L	98
31) Carbon tetrachloride	8.073	117	17957	133.434	ug/L	97
33) Benzene	8.329	78	27130	75.312	ug/L	100
34) Trichloroethene	9.098	95	134968	1399.589	ug/L	94
35) Methylcyclohexane	9.342	83	14674	93.390	ug/L	99
37) 1,2-Dichloropropane	9.372	63	3291	36.884	ug/L #	93
38) Bromodichloromethane	9.646	83	3671	30.382	ug/L	99
39) cis-1,3-Dichloropropene	10.079	75	3191	24.247	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	1147	25.524	ug/L #	85
42) Toluene	10.390	91	15273	39.907	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	1888	15.972	ug/L	90
45) 1,1,2-Trichloroethane	10.792	97	1606	24.547	ug/L	88
46) Tetrachloroethene	10.866	164	5651	75.815	ug/L	93
48) 2-Hexanone	10.981	43	664	21.212	ug/L #	85
49) Dibromochloromethane	11.122	129	1449	18.954	ug/L	89
50) 1,2-Dibromoethane	11.244	107	1139	18.499	ug/L #	93
51) Chlorobenzene	11.658	112	5458	21.927	ug/L	96
52) Ethylbenzene	11.737	91	11578	27.466	ug/L	92
53) m,p-Xylene	11.841	106	3482	21.667	ug/L	94
54) o-Xylene	12.170	106	3694	24.848	ug/L	85
55) Styrene	12.182	104	3167	12.260	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	1297	16.597	ug/L #	90
59) Bromoform	12.347	173	596	51.855	ug/L #	96
60) Isopropylbenzene	12.463	105	10016	88.613	ug/L	96
61) 1,2,3-Trichloropropane	12.774	75	906	56.917	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.945	105	4752	51.227	ug/L	97
63) 1,2,4-Trimethylbenzene	13.255	105	3839	42.129	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	1184	22.841	ug/L #	82
65) 1,4-Dichlorobenzene	13.579	146	915	17.081	ug/L #	84
67) 1,2-Dichlorobenzene	13.877	146	1221	25.863	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	87m	24.348	ug/L	
69) 1,3,5-Trichlorobenzene	14.633	180	309	8.618	ug/L #	83
71) Naphthalene	15.359	128	184	3.770	ug/L #	69

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

