

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019749.D
 Acq On : 16 Aug 2021 13:08
 Operator : SY/VA
 Sample : M3365-16MSD
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBKCOMSD

Quant Time: Aug 17 01:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 17 01:50:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	106149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	102621	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	32414	26.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.600%
7) Chloroethane-d5	2.891	69	33994	27.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	4.025	63	59014	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.560%
21) 2-Butanone-d5	7.080	46	23300	57.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.120%
24) Chloroform-d	7.653	84	78236	24.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	8.311	65	44546	23.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.360%
32) Benzene-d6	8.281	84	134434	19.785	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.281	67	45188	22.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.440%
41) Toluene-d8	10.329	98	111308	17.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.840%
43) trans-1,3-Dichloroprop...	10.579	79	17473	20.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.927	63	16599	46.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41034	23.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	40105	20.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	27337	23.523	ug/L	95
3) Chloromethane	2.221	50	39426	33.530	ug/L	99
5) Vinyl chloride	2.367	62	53417	33.718	ug/L	99
6) Bromomethane	2.788	94	35869	28.903	ug/L	99
8) Chloroethane	2.934	64	35380	33.212	ug/L	92
9) Trichlorofluoromethane	3.269	101	60346	61.533	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39494	30.218	ug/L	97
12) 1,1-Dichloroethene	4.044	96	34664	27.252	ug/L	95
13) Acetone	4.123	43	17954	53.957	ug/L	88
14) Carbon disulfide	4.385	76	99309	27.423	ug/L	99
15) Methyl Acetate	4.672	43	18136	29.144	ug/L	95
16) Methylene chloride	4.922	84	54052	30.471	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	37347	26.861	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	72790	36.031	ug/L	97
19) 1,1-Dichloroethane	6.226	63	74058	25.345	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	40792	25.888	ug/L	94
22) 2-Butanone	7.171	43	23015	51.708	ug/L	99
23) Bromochloromethane	7.525	128	19386	26.589	ug/L	94
25) Chloroform	7.677	83	77482	25.888	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	51667	24.715	ug/L	96
29) Cyclohexane	7.964	56	53504	21.040	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	66723	25.395	ug/L	100
31) Carbon tetrachloride	8.067	117	56081	23.128	ug/L	98
33) Benzene	8.329	78	163589	23.003	ug/L	100
34) Trichloroethene	9.098	95	40274	22.841	ug/L	92
35) Methylcyclohexane	9.342	83	60631	20.780	ug/L	95
37) 1,2-Dichloropropane	9.372	63	42808	24.085	ug/L	99
38) Bromodichloromethane	9.646	83	54470	24.195	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	57623	21.249	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	47281	43.286	ug/L	98
42) Toluene	10.390	91	169682	22.726	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	53037	22.334	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	32738	24.905	ug/L	95
46) Tetrachloroethene	10.860	164	31303	23.611	ug/L	93
48) 2-Hexanone	10.969	43	33630	44.754	ug/L	99
49) Dibromochloromethane	11.134	129	35701	24.511	ug/L	96
50) 1,2-Dibromoethane	11.238	107	29084	23.250	ug/L #	100
51) Chlorobenzene	11.658	112	103919	22.761	ug/L	99
52) Ethylbenzene	11.731	91	173638	22.189	ug/L	96
53) m,p-Xylene	11.841	106	67325	22.599	ug/L	95
54) o-Xylene	12.170	106	63430	22.062	ug/L	99
55) Styrene	12.182	104	110067	22.293	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	39334	23.516	ug/L	99
59) Bromoform	12.347	173	18125	22.894	ug/L	99
60) Isopropylbenzene	12.463	105	170226	23.899	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	29674	25.191	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	134489	22.673	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	133620	21.594	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	77126	22.360	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	74417	21.401	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	68241	22.538	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6003	26.116	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	49578	22.500	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	38326	20.657	ug/L	98
71) Naphthalene	15.365	128	68563	19.012	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	32432	19.763	ug/L	99

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

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