

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018728.D
 Acq On : 22 Apr 2021 11:54
 Operator : SY/VA
 Sample : M2129-02MS
 Misc : 3.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AB9MS

Quant Time: Apr 23 02:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	562562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425297	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154241	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118863	13.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.60%
7) Chloroethane-d5	2.891	69	112319	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
11) 1,1-Dichloroethene-d2	4.031	63	262502	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
21) 2-Butanone-d5	7.074	46	81648	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.653	84	331725	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.305	65	170996	19.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	8.275	84	530130	21.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	9.274	67	184965	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	10.323	98	427287	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.92%
43) trans-1,3-Dichloroprop...	10.579	79	61607	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.00%
47) 2-Hexanone-d5	10.927	63	52699	40.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.62%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	143907	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
66) 1,2-Dichlorobenzene-d4	13.853	152	122675	22.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	118983	22.22	ug/L	99
3) Chloromethane	2.215	50	117068	16.01	ug/L	99
5) Vinyl chloride	2.367	62	218423	20.72	ug/L	98
6) Bromomethane	2.782	94	140200	16.69	ug/L	99
8) Chloroethane	2.928	64	136593	20.30	ug/L	96
9) Trichlorofluoromethane	3.263	101	172026	29.13	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	183626	24.50	ug/L	98
12) 1,1-Dichloroethene	4.044	96	191330	25.87	ug/L	90
13) Acetone	4.129	43	53677	38.00	ug/L	92
14) Carbon disulfide	4.391	76	558734	25.38	ug/L	99
15) Methyl Acetate	4.672	43	50478	15.67	ug/L	96
16) Methylene chloride	4.922	84	197108	21.38	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	202529	25.46	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	264264	24.83	ug/L	97
19) 1,1-Dichloroethane	6.214	63	359179	24.55	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	210694	24.90	ug/L	96
22) 2-Butanone	7.171	43	79938	37.24	ug/L	93
23) Bromochloromethane	7.513	128	87008	23.75	ug/L	95
25) Chloroform	7.677	83	369577	24.89	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227087	22.47	ug/L	98
29) Cyclohexane	7.958	56	299694	28.61	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	307393	33.03	ug/L	99
31) Carbon tetrachloride	8.073	117	275838	32.87	ug/L	99
33) Benzene	8.323	78	787887	29.50	ug/L	100
34) Trichloroethene	9.091	95	206384	30.01	ug/L	93
35) Methylcyclohexane	9.335	83	301890	25.26	ug/L	98
37) 1,2-Dichloropropane	9.372	63	190320	28.14	ug/L	99
38) Bromodichloromethane	9.646	83	249622	29.01	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	262086	26.11	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	168793	40.64	ug/L	93
42) Toluene	10.390	91	826761	28.84	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	208504	23.80	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	134813	26.88	ug/L	98
46) Tetrachloroethene	10.866	164	145097	29.86	ug/L	96
48) 2-Hexanone	10.969	43	100715	38.36	ug/L	92
49) Dibromochloromethane	11.128	129	145067	27.14	ug/L	98
50) 1,2-Dibromoethane	11.237	107	120967	25.35	ug/L	99
51) Chlorobenzene	11.658	112	452827	25.65	ug/L	99
52) Ethylbenzene	11.731	91	882166	27.86	ug/L	99
53) m,p-Xylene	11.841	106	317187	27.30	ug/L	94
54) o-Xylene	12.164	106	300190	26.92	ug/L	93
55) Styrene	12.182	104	454230	23.55	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	143921	23.04	ug/L	98
59) Bromoform	12.353	173	69829	31.76	ug/L	100
60) Isopropylbenzene	12.463	105	799757	35.25	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	108818	30.88	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	625762	33.30	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	593397	31.64	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	248991	25.90	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	248624	25.57	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	219489	24.82	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19446	26.55	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	137951	20.10	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	89339	15.99	ug/L	99
71) Naphthalene	15.365	128	163845	13.92	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	70985	14.40	ug/L	95

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

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