

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020967.D
 Acq On : 26 Nov 2021 19:04
 Operator : SY/VA
 Sample : M4833-09MS
 Misc : 5.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQM8MS

Quant Time: Nov 27 01:00:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 27 00:54:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	122398	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	102836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	49249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26758	18.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.400%
7) Chloroethane-d5	2.885	69	20359	22.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.920%
11) 1,1-Dichloroethene-d2	4.025	63	49817	18.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.074	46	14059	39.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.340%
24) Chloroform-d	7.653	84	68312	22.150	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.311	65	34709	22.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.680%
32) Benzene-d6	8.275	84	121097	22.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.274	67	36712	23.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	10.323	98	115271	21.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	10.579	79	15110	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.840%
47) 2-Hexanone-d5	10.920	63	12020	46.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28875	24.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	39159	22.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10541	29.757	ug/L	98
3) Chloromethane	2.209	50	20604	19.132	ug/L	99
5) Vinyl chloride	2.361	62	40154	21.556	ug/L	99
6) Bromomethane	2.776	94	24031	23.265	ug/L	99
8) Chloroethane	2.922	64	17564	22.428	ug/L	92
9) Trichlorofluoromethane	3.257	101	21639	19.943	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	33671	20.413	ug/L	93
12) 1,1-Dichloroethene	4.038	96	30409	19.829	ug/L	85
13) Acetone	4.129	43	11195	35.383	ug/L	90
14) Carbon disulfide	4.385	76	66441	16.019	ug/L	99
15) Methyl Acetate	4.672	43	9753	17.189	ug/L	# 90
16) Methylene chloride	4.915	84	36007	21.093	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	32539	19.687	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	53805	21.687	ug/L	# 84
19) 1,1-Dichloroethane	6.220	63	57813	21.110	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	36852	20.688	ug/L	73
22) 2-Butanone	7.177	43	16267	37.842	ug/L	93
23) Bromochloromethane	7.519	128	17896	21.975	ug/L	# 64
25) Chloroform	7.677	83	64367	21.503	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39433	21.756	ug/L #	95
29) Cyclohexane	7.958	56	43752	19.084	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	55829	22.576	ug/L	94
31) Carbon tetrachloride	8.067	117	49694	21.231	ug/L	95
33) Benzene	8.323	78	131752	22.628	ug/L	100
34) Trichloroethene	9.092	95	34399	21.122	ug/L	97
35) Methylcyclohexane	9.335	83	49347	18.378	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	32152	23.727	ug/L #	96
38) Bromodichloromethane	9.646	83	45175	23.230	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	48851	21.834	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36108	44.768	ug/L #	94
42) Toluene	10.390	91	142705	21.789	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	42041	21.381	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24792	23.524	ug/L	93
46) Tetrachloroethene	10.860	164	30576	20.448	ug/L	94
48) 2-Hexanone	10.969	43	25022	44.787	ug/L #	94
49) Dibromochloromethane	11.128	129	30147	20.748	ug/L	98
50) 1,2-Dibromoethane	11.231	107	22737	21.518	ug/L	93
51) Chlorobenzene	11.658	112	92783	21.301	ug/L	90
52) Ethylbenzene	11.731	91	150356	20.718	ug/L	95
53) m,p-Xylene	11.841	106	61136	20.634	ug/L	90
54) o-Xylene	12.164	106	61171	21.497	ug/L	97
55) Styrene	12.176	104	97970	20.734	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	26277	22.495	ug/L #	96
59) Bromoform	12.347	173	16856	22.954	ug/L	97
60) Isopropylbenzene	12.463	105	154660	23.057	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	18787	26.007	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	133320	23.560	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	131999	23.643	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	65776	20.915	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	65497	20.646	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	60707	21.906	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3931	22.761	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	47016	18.875	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	35438	17.390	ug/L	95
71) Naphthalene	15.359	128	66532	20.037	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	30643	17.820	ug/L	93

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

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