

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021040.D
 Acq On : 02 Dec 2021 12:23
 Operator : SY/VA
 Sample : M4886-12MS
 Misc : 5.51g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX892MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 02:23:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	43943	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	37626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10288	20.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.885	69	10201	31.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.120%
11) 1,1-Dichloroethene-d2	4.019	63	22265	22.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.320%
21) 2-Butanone-d5	7.086	46	5961	46.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.700%
24) Chloroform-d	7.653	84	25931	23.420	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.305	65	12781	22.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.275	84	48257	24.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.274	67	13493	23.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.323	98	46237	23.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	4951	18.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.200%
47) 2-Hexanone-d5	10.921	63	4573	48.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11186	25.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	13.847	152	13671	22.772	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	2070	16.277	ug/L	99
3) Chloromethane	2.215	50	8622	22.299	ug/L	99
5) Vinyl chloride	2.361	62	16283	24.348	ug/L	98
6) Bromomethane	2.776	94	10818	29.172	ug/L	92
8) Chloroethane	2.922	64	9157	32.569	ug/L	97
9) Trichlorofluoromethane	3.257	101	17740	45.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	14171	23.930	ug/L	91
12) 1,1-Dichloroethene	4.038	96	11694	21.239	ug/L	82
13) Acetone	4.123	43	5730	50.445	ug/L	97
14) Carbon disulfide	4.379	76	25463	17.100	ug/L	97
15) Methyl Acetate	4.672	43	4599m	22.577	ug/L	
16) Methylene chloride	4.916	84	13434	21.920	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	12142	20.462	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	25721	28.877	ug/L	94
19) 1,1-Dichloroethane	6.220	63	22269	22.649	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	13738	21.481	ug/L	80
22) 2-Butanone	7.171	43	6861	44.457	ug/L	87
23) Bromochloromethane	7.519	128	6508	22.259	ug/L	# 68
25) Chloroform	7.677	83	24790	23.068	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	15518	23.847	ug/L	98
29) Cyclohexane	7.958	56	18656	22.240	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	24213	26.760	ug/L	94
31) Carbon tetrachloride	8.067	117	20380	23.798	ug/L	97
33) Benzene	8.323	78	51286	24.074	ug/L	100
34) Trichloroethene	9.092	95	13908	23.340	ug/L	88
35) Methylcyclohexane	9.335	83	21220	21.599	ug/L	86
37) 1,2-Dichloropropane	9.366	63	12031	24.266	ug/L #	96
38) Bromodichloromethane	9.646	83	15947	22.412	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	17694	21.615	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	14572	49.379	ug/L #	93
42) Toluene	10.390	91	58726	24.507	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	14639	20.348	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9656	25.041	ug/L	96
46) Tetrachloroethene	10.866	164	11966	21.871	ug/L	92
48) 2-Hexanone	10.969	43	10322	50.496	ug/L #	98
49) Dibromochloromethane	11.128	129	10877	20.460	ug/L	94
50) 1,2-Dibromoethane	11.238	107	8893	23.003	ug/L #	96
51) Chlorobenzene	11.658	112	34863	21.875	ug/L	92
52) Ethylbenzene	11.731	91	61715	23.242	ug/L	96
53) m,p-Xylene	11.835	106	24896	22.965	ug/L	97
54) o-Xylene	12.164	106	23860	22.917	ug/L	89
55) Styrene	12.183	104	35346	20.445	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	10097	23.625	ug/L #	88
59) Bromoform	12.347	173	5628	22.409	ug/L	98
60) Isopropylbenzene	12.463	105	65036	28.348	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	7459	30.190	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	50634	26.163	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	49891	26.128	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	23670	22.006	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	24185	22.290	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	22940	24.203	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	1487	25.174	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	15556	18.260	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	10055	14.427	ug/L	94
71) Naphthalene	15.365	128	21380	18.826	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	8414	14.306	ug/L	97

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

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