

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027620.D
 Acq On : 14 Dec 2023 11:19
 Operator : SY/MD
 Sample : 05806-08MSD
 Misc : 4.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MSD

Quant Time: Dec 15 03:30:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 03:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	180635	19.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
7) Chloroethane-d5	2.899	69	148366	22.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.027	65	79714	20.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.088	46	87671	36.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.820%
24) Chloroform-d	7.655	84	351150	26.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.307	65	165455	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.276	84	692419	27.980	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.920%
36) 1,2-Dichloropropane-d6	9.276	67	218367	29.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.720%
41) Toluene-d8	10.325	98	556852	25.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	10.581	79	66283	23.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.922	63	62788	46.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	135588	22.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	119971	27.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	142147	23.566	ug/L	98
3) Chloromethane	2.223	50	201445	27.269	ug/L	98
5) Vinyl chloride	2.375	62	217082	25.192	ug/L	99
6) Bromomethane	2.796	94	120475	26.640	ug/L	93
8) Chloroethane	2.936	64	124187	25.233	ug/L	93
9) Trichlorofluoromethane	3.277	101	202204	24.501	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	165111	23.462	ug/L	94
12) 1,1-Dichloroethene	4.052	96	151839	23.631	ug/L	85
13) Acetone	4.143	43	93438	40.803	ug/L	98
14) Carbon disulfide	4.393	76	482664	24.857	ug/L	98
15) Methyl Acetate	4.679	43	61564	15.382	ug/L	99
16) Methylene chloride	4.923	84	180627	24.588	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	160127	24.168	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	259362	24.269	ug/L	99
19) 1,1-Dichloroethane	6.228	63	340995	25.308	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	176046	24.742	ug/L	98
22) 2-Butanone	7.179	43	102516	34.700	ug/L	100
23) Bromochloromethane	7.520	128	68947	24.636	ug/L	97
25) Chloroform	7.679	83	312026	25.504	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	186202	23.549	ug/L	100
29) Cyclohexane	7.959	56	308620	26.718	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	271736	27.725	ug/L	99
31) Carbon tetrachloride	8.075	117	227365	26.596	ug/L	98
33) Benzene	8.325	78	701647	28.934	ug/L	100
34) Trichloroethene	9.093	95	162139	24.478	ug/L	96
35) Methylcyclohexane	9.337	83	275009	23.317	ug/L	100
37) 1,2-Dichloropropane	9.368	63	185396	28.956	ug/L	99
38) Bromodichloromethane	9.642	83	206102	27.845	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	248256	26.860	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	178398	41.221	ug/L	100
42) Toluene	10.386	91	680899	26.547	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	183734	24.642	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	106928	23.980	ug/L	98
46) Tetrachloroethene	10.867	164	103202	21.855	ug/L	96
48) 2-Hexanone	10.965	43	138144	45.291	ug/L	97
49) Dibromochloromethane	11.123	129	109144	24.763	ug/L	90
50) 1,2-Dibromoethane	11.233	107	88792	21.765	ug/L	92
51) Chlorobenzene	11.660	112	350704	22.664	ug/L	96
52) Ethylbenzene	11.727	91	707463	24.282	ug/L	96
53) m,p-Xylene	11.837	106	256844	23.925	ug/L	99
54) o-Xylene	12.166	106	264736	27.132	ug/L	92
55) Styrene	12.178	104	387199	23.249	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	119126	20.522	ug/L	97
59) Bromoform	12.349	173	52462	30.315	ug/L	99
60) Isopropylbenzene	12.459	105	691231	33.882	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81643	27.394	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	515575	34.168	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	495285	32.957	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190866	24.424	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	183620	23.557	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	183487	26.062	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15633	21.808	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	86882	16.534	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	58820	14.414	ug/L	94
71) Naphthalene	15.360	128	170426	19.856	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	53972	15.440	ug/L	100

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

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