

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024660.D
 Acq On : 28 Sep 2022 16:00
 Operator : SY/VA
 Sample : N4852-03MSD
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW807MSD

Quant Time: Sep 29 05:32:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	724421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	649599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	305676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	210118	27.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.880%
7) Chloroethane-d5	2.885	69	116009	26.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.360%
11) 1,1-Dichloroethene-d2	4.025	63	434241	24.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.000%
21) 2-Butanone-d5	7.086	46	131552	48.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.560%
24) Chloroform-d	7.647	84	482640	24.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.305	65	244395	24.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.275	84	992312	23.900	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	9.274	67	306824	24.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.323	98	880040	23.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.840%
43) trans-1,3-Dichloroprop...	10.579	79	128245	22.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	10.921	63	105201	48.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	220448	24.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	252386	23.464	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	88891	19.986	ug/L	90
3) Chloromethane	2.215	50	179526	20.728	ug/L	97
5) Vinyl chloride	2.367	62	241250	27.091	ug/L	98
6) Bromomethane	2.782	94	96372	23.449	ug/L	96
8) Chloroethane	2.922	64	94152	25.078	ug/L	100
9) Trichlorofluoromethane	3.257	101	115328	23.149	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	225047	23.684	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	228135	24.073	ug/L	97
13) Acetone	4.135	43	100080	50.338	ug/L	96
14) Carbon disulfide	4.385	76	730542	24.419	ug/L	99
15) Methyl Acetate	4.678	43	102597	23.305	ug/L	99
16) Methylene chloride	4.922	84	312252	21.948	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	249370	23.419	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	391182	23.170	ug/L	100
19) 1,1-Dichloroethane	6.220	63	462445	23.214	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	266945	23.365	ug/L	100
22) 2-Butanone	7.177	43	148948	46.838	ug/L	99
23) Bromochloromethane	7.513	128	107131	23.071	ug/L	94
25) Chloroform	7.677	83	436958	23.131	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	279271	23.494	ug/L	99
29) Cyclohexane	7.958	56	453139	22.396	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	357671	22.754	ug/L	99
31) Carbon tetrachloride	8.067	117	312288	23.460	ug/L	98
33) Benzene	8.323	78	1032686	22.713	ug/L	100
34) Trichloroethene	9.092	95	258514	22.433	ug/L	94
35) Methylcyclohexane	9.335	83	466788	22.097	ug/L	99
37) 1,2-Dichloropropane	9.366	63	256546	22.856	ug/L	99
38) Bromodichloromethane	9.646	83	314583	22.784	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	406510	22.902	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	302647	45.553	ug/L	99
42) Toluene	10.390	91	1069774	22.785	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	343391	22.565	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	172472	22.496	ug/L	97
46) Tetrachloroethene	10.866	164	168335	21.499	ug/L	93
48) 2-Hexanone	10.969	43	207160	46.112	ug/L	99
49) Dibromochloromethane	11.128	129	195975	22.700	ug/L	93
50) 1,2-Dibromoethane	11.231	107	167393	23.067	ug/L	100
51) Chlorobenzene	11.658	112	655229	22.792	ug/L	99
52) Ethylbenzene	11.725	91	1175010	22.720	ug/L	100
53) m,p-Xylene	11.841	106	446794	22.124	ug/L	98
54) o-Xylene	12.164	106	440266	23.086	ug/L	99
55) Styrene	12.176	104	734594	22.850	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	205759	22.921	ug/L	98
59) Bromoform	12.347	173	102855	23.804	ug/L	99
60) Isopropylbenzene	12.463	105	1159549	23.275	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	150071	22.791	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	987090	22.796	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	956772	22.555	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	450904	22.278	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	456152	23.151	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	402630	22.839	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	34825	22.365	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	294409	21.907	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	242072	21.441	ug/L	97
71) Naphthalene	15.359	128	556115	22.623	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	206028	21.442	ug/L	96

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

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