

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024715.D
 Acq On : 04 Oct 2022 13:58
 Operator : SY/VA
 Sample : N4973-08MS
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A6MS

Quant Time: Oct 05 07:18:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	569838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	512039	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	149002	24.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
7) Chloroethane-d5	2.891	69	85505	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.025	63	304605	22.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.080	46	132532	61.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.660%
24) Chloroform-d	7.653	84	366152	24.035	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	8.305	65	196273	24.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.275	84	721925	22.059	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.274	67	232688	23.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	10.323	98	632354	21.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.579	79	91963	20.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.600%
47) 2-Hexanone-d5	10.920	63	102308	59.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	202543	28.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	200045	23.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	67622	19.329	ug/L	90
3) Chloromethane	2.221	50	132018	19.378	ug/L	98
5) Vinyl chloride	2.367	62	190004	27.124	ug/L	99
6) Bromomethane	2.782	94	86073	26.624	ug/L	100
8) Chloroethane	2.928	64	73683	24.950	ug/L	99
9) Trichlorofluoromethane	3.263	101	77153	19.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	179565	24.024	ug/L #	79
12) 1,1-Dichloroethene	4.050	96	174720	23.438	ug/L	94
13) Acetone	4.129	43	100563	64.303	ug/L	98
14) Carbon disulfide	4.391	76	558913	23.750	ug/L	99
15) Methyl Acetate	4.678	43	95071	27.454	ug/L	99
16) Methylene chloride	4.922	84	214535	19.170	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	188438	22.498	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	315695	23.772	ug/L	99
19) 1,1-Dichloroethane	6.214	63	356055	22.722	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	202214	22.501	ug/L	95
22) 2-Butanone	7.171	43	142102	56.808	ug/L	99
23) Bromochloromethane	7.519	128	86253	23.614	ug/L	98
25) Chloroform	7.677	83	343189	23.095	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225679	24.136	ug/L	99
29) Cyclohexane	7.958	56	343766	21.555	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	269319	21.736	ug/L	99
31) Carbon tetrachloride	8.067	117	227086	21.643	ug/L	99
33) Benzene	8.323	78	793885	22.152	ug/L	100
34) Trichloroethene	9.092	95	199028	21.911	ug/L	97
35) Methylcyclohexane	9.335	83	349442	20.986	ug/L	99
37) 1,2-Dichloropropane	9.372	63	202671	22.907	ug/L	100
38) Bromodichloromethane	9.646	83	242617	22.293	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	304292	21.749	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	277894	53.064	ug/L	99
42) Toluene	10.384	91	816006	22.049	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	256653	21.396	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	146919	24.311	ug/L	99
46) Tetrachloroethene	10.866	164	130523	21.148	ug/L	91
48) 2-Hexanone	10.969	43	201014	56.764	ug/L	99
49) Dibromochloromethane	11.128	129	159737	23.473	ug/L	95
50) 1,2-Dibromoethane	11.238	107	139616	24.408	ug/L	98
51) Chlorobenzene	11.658	112	506070	22.333	ug/L	97
52) Ethylbenzene	11.731	91	904790	22.195	ug/L	100
53) m,p-Xylene	11.835	106	347468	21.828	ug/L	99
54) o-Xylene	12.164	106	336835	22.408	ug/L	98
55) Styrene	12.182	104	570481	22.512	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	183980	26.001	ug/L	100
59) Bromoform	12.347	173	76147	22.319	ug/L	97
60) Isopropylbenzene	12.463	105	895492	22.764	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	134768	25.921	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	752263	22.002	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	748744	22.354	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	351590	21.999	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	349762	22.481	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	322123	23.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	28625	23.282	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	210970	19.881	ug/L	97
70) 1,2,4-trichlorobenzene	15.121	180	169122	18.971	ug/L	98
71) Naphthalene	15.359	128	440670	22.703	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	154483	20.361	ug/L	94

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

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