

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024716.D
 Acq On : 04 Oct 2022 14:22
 Operator : SY/VA
 Sample : N4973-09MSD
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A6MSD

Quant Time: Oct 05 07:18:25 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	663697	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	594997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	265862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168013	24.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
7) Chloroethane-d5	2.885	69	100730	24.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.840%
11) 1,1-Dichloroethene-d2	4.019	63	361084	22.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.880%
21) 2-Butanone-d5	7.080	46	139022	55.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.653	84	426280	24.025	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	8.305	65	222016	24.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.480%
32) Benzene-d6	8.275	84	847915	22.296	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.275	67	264797	22.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.323	98	736704	21.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.579	79	104682	20.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.920%
47) 2-Hexanone-d5	10.921	63	108130	54.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	223239	26.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	224603	24.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	66757	16.383	ug/L	94
3) Chloromethane	2.221	50	148812	18.754	ug/L	96
5) Vinyl chloride	2.367	62	220037	26.970	ug/L	100
6) Bromomethane	2.782	94	100390	26.662	ug/L	94
8) Chloroethane	2.922	64	87926	25.563	ug/L	98
9) Trichlorofluoromethane	3.257	101	102406	22.436	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	209976	24.120	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	204239	23.523	ug/L	96
13) Acetone	4.123	43	92944	51.026	ug/L	95
14) Carbon disulfide	4.391	76	654408	23.875	ug/L	99
15) Methyl Acetate	4.672	43	101859	25.254	ug/L	99
16) Methylene chloride	4.922	84	239612	18.383	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	227644	23.335	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	350800	22.679	ug/L	99
19) 1,1-Dichloroethane	6.214	63	417268	22.862	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	239230	22.855	ug/L	98
22) 2-Butanone	7.171	43	142251	48.825	ug/L	99
23) Bromochloromethane	7.513	128	99928	23.489	ug/L	97
25) Chloroform	7.677	83	400734	23.154	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	257775	23.670	ug/L	100
29) Cyclohexane	7.958	56	404345	21.819	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	317951	22.083	ug/L	98
31) Carbon tetrachloride	8.067	117	272803	22.375	ug/L	98
33) Benzene	8.323	78	932855	22.400	ug/L	100
34) Trichloroethene	9.092	95	230222	21.811	ug/L	97
35) Methylcyclohexane	9.335	83	410160	21.198	ug/L	99
37) 1,2-Dichloropropane	9.366	63	234631	22.822	ug/L	99
38) Bromodichloromethane	9.646	83	283306	22.402	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	353993	21.774	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	301103	49.480	ug/L	99
42) Toluene	10.384	91	967845	22.505	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	298496	21.415	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	165572	23.578	ug/L	98
46) Tetrachloroethene	10.860	164	161150	22.470	ug/L	96
48) 2-Hexanone	10.969	43	209035	50.799	ug/L	99
49) Dibromochloromethane	11.128	129	179583	22.710	ug/L	95
50) 1,2-Dibromoethane	11.238	107	156375	23.526	ug/L	99
51) Chlorobenzene	11.658	112	599120	22.753	ug/L	96
52) Ethylbenzene	11.725	91	1061947	22.419	ug/L	99
53) m,p-Xylene	11.835	106	410801	22.209	ug/L	99
54) o-Xylene	12.164	106	392480	22.469	ug/L	93
55) Styrene	12.176	104	673370	22.867	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	205917	25.044	ug/L	97
59) Bromoform	12.347	173	90296	24.027	ug/L	98
60) Isopropylbenzene	12.463	105	1050955	24.254	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	150072	26.205	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	891898	23.682	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	865295	23.453	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	416718	23.672	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	411489	24.012	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	365998	23.870	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	31719	23.421	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	257432	22.024	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	201063	20.476	ug/L	97
71) Naphthalene	15.359	128	493376	23.076	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	170496	20.401	ug/L	98

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

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