

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024313.D
 Acq On : 23 Aug 2022 19:29
 Operator : SY/VA
 Sample : N4322-02MS
 Misc : 4.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

Quant Time: Aug 24 01:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	188210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	91222	23.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.760%
7) Chloroethane-d5	2.873	69	72907	29.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.000%
11) 1,1-Dichloroethene-d2	4.013	63	79053	17.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.520%
21) 2-Butanone-d5	7.074	46	35237	48.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.280%
24) Chloroform-d	7.647	84	137523	24.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	77321	24.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	8.275	84	234678	27.300	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.274	67	82311	32.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.720%#
41) Toluene-d8	10.323	98	204327	25.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.720%
43) trans-1,3-Dichloroprop...	10.579	79	27450	24.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.927	63	29553	63.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74242	30.150	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	13.847	152	33279	22.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	42528	25.684	ug/L	99
3) Chloromethane	2.215	50	68019	21.903	ug/L	97
5) Vinyl chloride	2.349	62	126854	29.344	ug/L	99
6) Bromomethane	2.763	94	76486	30.858	ug/L	93
8) Chloroethane	2.910	64	65864	34.782	ug/L	97
9) Trichlorofluoromethane	3.245	101	50934	24.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	54988	19.896	ug/L	93
12) 1,1-Dichloroethene	4.025	96	42960	18.986	ug/L	88
13) Acetone	4.123	43	23753	44.080	ug/L	68
14) Carbon disulfide	4.373	76	115401	15.938	ug/L	97
15) Methyl Acetate	4.672	43	25189	20.753	ug/L	92
16) Methylene chloride	4.909	84	67254	20.263	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	51474	19.699	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	102000	27.375	ug/L	94
19) 1,1-Dichloroethane	6.214	63	123054	26.734	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	65091	22.682	ug/L #	98
22) 2-Butanone	7.171	43	45232	49.813	ug/L	95
23) Bromochloromethane	7.513	128	31817	22.263	ug/L	87
25) Chloroform	7.677	83	141577	27.913	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	97483	28.563	ug/L	98
29) Cyclohexane	7.951	56	88088	29.478	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	110978	33.762	ug/L	96
31) Carbon tetrachloride	8.061	117	97097	31.311	ug/L	97
33) Benzene	8.323	78	294204	34.175	ug/L	100
34) Trichloroethene	9.091	95	66548	29.247	ug/L	96
35) Methylcyclohexane	9.335	83	86686	24.294	ug/L	96
37) 1,2-Dichloropropane	9.366	63	80483	37.820	ug/L	100
38) Bromodichloromethane	9.646	83	108255	36.270	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	97641	31.188	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	108835	77.061	ug/L	98
42) Toluene	10.384	91	302173	33.031	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	84111	29.402	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	62961	35.102	ug/L	96
46) Tetrachloroethene	10.859	164	42853	23.263	ug/L	94
48) 2-Hexanone	10.969	43	74963	78.211	ug/L	97
49) Dibromochloromethane	11.128	129	69102	32.002	ug/L	99
50) 1,2-Dibromoethane	11.231	107	50016	29.105	ug/L #	93
51) Chlorobenzene	11.658	112	148857	23.816	ug/L	96
52) Ethylbenzene	11.731	91	282052	28.141	ug/L	99
53) m,p-Xylene	11.841	106	104859	26.877	ug/L	95
54) o-Xylene	12.164	106	105946	28.744	ug/L	95
55) Styrene	12.182	104	132361	20.648	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	71616	31.948	ug/L	98
59) Bromoform	12.347	173	31019	50.873	ug/L	100
60) Isopropylbenzene	12.463	105	264987	54.759	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49868	62.685	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	187464	46.878	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	162080	41.154	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	57503	24.267	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	54908	21.882	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	57835	25.702	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8712	46.872	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	21818	14.041	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	10021	8.053	ug/L	96
71) Naphthalene	15.359	128	21333	8.802	ug/L	98
72) 1,2,3-Trichlorobenzene	15.542	180	8759	7.732	ug/L #	86

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

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