

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031622\
 Data File : VW022358.D
 Acq On : 16 Mar 2022 16:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Mar 17 00:20:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 17 00:17:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	122894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	37074	22.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
7) Chloroethane-d5	2.885	69	28144	21.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	4.019	63	54707	21.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	7.080	46	16702	59.580	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.160%
24) Chloroform-d	7.653	84	76288	26.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	8.305	65	37852	25.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.120%
32) Benzene-d6	8.275	84	134335	23.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.274	67	39811	25.064	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.323	98	131090	23.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	10.579	79	17276	24.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.120%
47) 2-Hexanone-d5	10.921	63	13815	52.882	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40526	29.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	58640	25.269	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	5676	15.888	ug/L	98
3) Chloromethane	2.215	50	29602	24.181	ug/L	97
5) Vinyl chloride	2.361	62	44136	23.995	ug/L	99
6) Bromomethane	2.776	94	25734	20.033	ug/L	95
8) Chloroethane	2.922	64	23349	22.597	ug/L	98
9) Trichlorofluoromethane	3.263	101	45157	36.161	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37133	24.372	ug/L	96
12) 1,1-Dichloroethene	4.038	96	30266	22.921	ug/L	95
13) Acetone	4.129	43	14175	61.911	ug/L	99
14) Carbon disulfide	4.379	76	55323	16.160	ug/L	99
15) Methyl Acetate	4.672	43	13603	26.391	ug/L	94
16) Methylene chloride	4.915	84	38719	24.677	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	33973	23.424	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	53215	26.969	ug/L	99
19) 1,1-Dichloroethane	6.214	63	64270	27.372	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	40825	25.985	ug/L	98
22) 2-Butanone	7.177	43	20554	62.494	ug/L	97
23) Bromochloromethane	7.513	128	19921	25.956	ug/L	86
25) Chloroform	7.677	83	76273	27.840	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	46369	27.479	ug/L	100
29) Cyclohexane	7.958	56	44552	21.784	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	64992	26.286	ug/L	99
31) Carbon tetrachloride	8.067	117	61897	26.341	ug/L	97
33) Benzene	8.323	78	149723	25.199	ug/L	100
34) Trichloroethene	9.092	95	41476	24.380	ug/L	95
35) Methylcyclohexane	9.335	83	57771	21.955	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37944	27.374	ug/L	99
38) Bromodichloromethane	9.646	83	56756	28.552	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	59626	28.299	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	42652	56.979	ug/L	99
42) Toluene	10.384	91	173017	25.728	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	52963	27.972	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33747	27.455	ug/L	95
46) Tetrachloroethene	10.860	164	34795	23.348	ug/L	89
48) 2-Hexanone	10.963	43	32931	63.384	ug/L	98
49) Dibromochloromethane	11.128	129	42872	28.715	ug/L	95
50) 1,2-Dibromoethane	11.231	107	30931	26.090	ug/L	91
51) Chlorobenzene	11.652	112	125130	26.737	ug/L	98
52) Ethylbenzene	11.731	91	198587	26.683	ug/L	99
53) m,p-Xylene	11.835	106	82549	26.955	ug/L	93
54) o-Xylene	12.164	106	78395	27.206	ug/L	90
55) Styrene	12.182	104	140162	29.015	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	41973	29.431	ug/L	100
59) Bromoform	12.347	173	25263	26.441	ug/L	100
60) Isopropylbenzene	12.463	105	221207	25.505	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29400	25.782	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	152169	26.385	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	185497	26.318	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	106851	24.835	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	110951	25.734	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	101321	26.488	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6009	24.927	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	76509m	24.776	ug/L	
70) 1,2,4-trichlorobenzene	15.127	180	62227	26.632	ug/L	97
71) Naphthalene	15.359	128	113297	27.468	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	53902	26.671	ug/L	99

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

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