

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022022.D
 Acq On : 01 Feb 2022 23:56
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Feb 02 01:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149899	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	136283	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41366	22.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
7) Chloroethane-d5	2.879	69	30604	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.080%
11) 1,1-Dichloroethene-d2	4.019	63	71996	22.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.086	46	18149	56.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
24) Chloroform-d	7.653	84	81092	23.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.305	65	42185	24.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.275	84	160511	23.306	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.274	67	42709	22.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.323	98	157364	23.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.579	79	19183	23.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.921	63	16648	61.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39149	25.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	59859	23.373	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8541	24.462	ug/L	98
3) Chloromethane	2.215	50	37971	24.104	ug/L	97
5) Vinyl chloride	2.361	62	52162	23.054	ug/L	98
6) Bromomethane	2.776	94	36439	18.939	ug/L	96
8) Chloroethane	2.916	64	25717	22.119	ug/L	97
9) Trichlorofluoromethane	3.257	101	37199	21.778	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	43107	23.819	ug/L	99
12) 1,1-Dichloroethene	4.038	96	39613	23.718	ug/L	99
13) Acetone	4.135	43	15720	52.558	ug/L	100
14) Carbon disulfide	4.379	76	111503	22.888	ug/L	98
15) Methyl Acetate	4.684	43	15649	28.611	ug/L #	88
16) Methylene chloride	4.915	84	40364	23.109	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	44771	24.039	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	63322	26.516	ug/L	100
19) 1,1-Dichloroethane	6.220	63	68466	23.727	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	46788	24.482	ug/L	99
22) 2-Butanone	7.171	43	22629	58.434	ug/L	98
23) Bromochloromethane	7.513	128	23506	24.978	ug/L	92
25) Chloroform	7.677	83	78097	23.911	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	48817	25.391	ug/L	96
29) Cyclohexane	7.952	56	65049	24.315	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	71236	23.619	ug/L	100
31) Carbon tetrachloride	8.073	117	68838	23.319	ug/L	99
33) Benzene	8.323	78	168857	23.632	ug/L	100
34) Trichloroethene	9.092	95	48377	23.813	ug/L	97
35) Methylcyclohexane	9.335	83	83096	24.245	ug/L	99
37) 1,2-Dichloropropane	9.372	63	38380	24.456	ug/L	99
38) Bromodichloromethane	9.646	83	54064	24.123	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	61282	24.346	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	46738	60.700	ug/L	98
42) Toluene	10.390	91	197530	24.388	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	54678	25.198	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	34130	25.587	ug/L	96
46) Tetrachloroethene	10.860	164	46254	24.426	ug/L	96
48) 2-Hexanone	10.969	43	33024	57.622	ug/L	98
49) Dibromochloromethane	11.128	129	42522	25.315	ug/L	97
50) 1,2-Dibromoethane	11.238	107	35999	27.258	ug/L	96
51) Chlorobenzene	11.652	112	132256	23.993	ug/L	97
52) Ethylbenzene	11.731	91	217256	24.311	ug/L	99
53) m,p-Xylene	11.835	106	89896	24.245	ug/L	98
54) o-Xylene	12.164	106	82833	23.882	ug/L	92
55) Styrene	12.176	104	137133	24.477	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	39713	27.352	ug/L	97
59) Bromoform	12.347	173	24264	25.878	ug/L	94
60) Isopropylbenzene	12.457	105	230493	24.850	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29421	28.447	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	159144	25.870	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	188040	25.089	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	106526	23.971	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	106107	23.853	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	97951	24.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5896	28.021	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	75836	23.735	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	59956	23.624	ug/L	95
71) Naphthalene	15.359	128	119767	28.925	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54566	25.155	ug/L	95

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

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