

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062222\
 Data File : VW023511.D
 Acq On : 22 Jun 2022 15:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Jun 23 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 23 01:21:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	366721	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354254	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101935	17.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.885	69	82093	19.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	4.019	63	162433	19.974	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	7.074	46	56565	47.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.100%
24) Chloroform-d	7.647	84	224889	22.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.305	65	112994	20.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.120%
32) Benzene-d6	8.275	84	396664	21.118	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	9.274	67	122734	22.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	10.323	98	389533	21.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	53706	21.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.927	63	44674	50.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120759	23.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	157431	22.562	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	37185	27.809	ug/L	90
3) Chloromethane	2.215	50	110857	25.063	ug/L	99
5) Vinyl chloride	2.361	62	161691	23.455	ug/L	98
6) Bromomethane	2.776	94	80987	20.757	ug/L	96
8) Chloroethane	2.922	64	83146	22.768	ug/L	97
9) Trichlorofluoromethane	3.257	101	75461	24.271	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	116340	25.955	ug/L	96
12) 1,1-Dichloroethene	4.044	96	96269	24.109	ug/L	92
13) Acetone	4.123	43	36340	42.403	ug/L	98
14) Carbon disulfide	4.385	76	263245	21.431	ug/L	100
15) Methyl Acetate	4.678	43	43264	22.611	ug/L	96
16) Methylene chloride	4.921	84	121003	24.380	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	112523	23.801	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	180550	25.373	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	206476	24.382	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	130897	25.317	ug/L #	100
22) 2-Butanone	7.177	43	60905	46.429	ug/L	96
23) Bromochloromethane	7.519	128	60328	25.328	ug/L	87
25) Chloroform	7.677	83	234612	24.550	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148590	23.510	ug/L	98
29) Cyclohexane	7.958	56	165072	23.135	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	200936	24.504	ug/L	99
31) Carbon tetrachloride	8.067	117	184827	24.466	ug/L	97
33) Benzene	8.323	78	494662	24.172	ug/L	100
34) Trichloroethene	9.091	95	129904	23.683	ug/L	98
35) Methylcyclohexane	9.335	83	205471	23.138	ug/L	98
37) 1,2-Dichloropropane	9.366	63	119546	23.904	ug/L	98
38) Bromodichloromethane	9.646	83	170272	24.208	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	185488	24.204	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	135332	47.445	ug/L	99
42) Toluene	10.390	91	553029	24.188	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	165486	23.931	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97925	23.838	ug/L	97
46) Tetrachloroethene	10.866	164	100083	23.636	ug/L	85
48) 2-Hexanone	10.969	43	92793	48.137	ug/L	99
49) Dibromochloromethane	11.128	129	121786	25.314	ug/L	96
50) 1,2-Dibromoethane	11.237	107	93569	24.366	ug/L	95
51) Chlorobenzene	11.658	112	372223	24.123	ug/L	99
52) Ethylbenzene	11.731	91	627176	24.135	ug/L	99
53) m,p-Xylene	11.841	106	245313	24.256	ug/L	93
54) o-Xylene	12.164	106	241131	24.949	ug/L	100
55) Styrene	12.176	104	418854	24.925	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121690	24.393	ug/L	92
59) Bromoform	12.353	173	62766	22.845	ug/L #	95
60) Isopropylbenzene	12.463	105	658611	23.804	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81732	22.223	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	563551	24.905	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	558880	24.681	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	297489	24.237	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	290614	23.188	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	269114	23.938	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18528	22.815	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	202260	25.219	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	161091	25.795	ug/L	96
71) Naphthalene	15.359	128	302908	24.656	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	144507	26.617	ug/L	99

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

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[illegible]