

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111422\
 Data File : VW025048.D
 Acq On : 14 Nov 2022 14:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Nov 14 23:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 14 23:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	254573	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	132164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55925	18.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.720%
7) Chloroethane-d5	2.892	69	40676	22.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.026	63	164290	21.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	7.074	46	45689	44.016	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.040%
24) Chloroform-d	7.653	84	213304	25.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	8.305	65	115834	24.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.520%
32) Benzene-d6	8.275	84	393378	24.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.275	67	112812	23.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	10.323	98	364398	23.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.579	79	49409	23.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.240%
47) 2-Hexanone-d5	10.927	63	37371	45.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88196	23.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	123388	24.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	17450	19.093	ug/L	98
3) Chloromethane	2.221	50	44804	20.382	ug/L	99
5) Vinyl chloride	2.367	62	65049	21.417	ug/L	94
6) Bromomethane	2.782	94	32850	21.673	ug/L	93
8) Chloroethane	2.928	64	29395	23.201	ug/L	97
9) Trichlorofluoromethane	3.263	101	55459	21.766	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	86159	23.879	ug/L	100
12) 1,1-Dichloroethene	4.044	96	79969	23.527	ug/L	96
13) Acetone	4.123	43	26793	36.334	ug/L	97
14) Carbon disulfide	4.391	76	214265	21.580	ug/L	99
15) Methyl Acetate	4.678	43	27936	19.028	ug/L	97
16) Methylene chloride	4.922	84	95139	19.555	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	84903	23.327	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	142457	23.333	ug/L	98
19) 1,1-Dichloroethane	6.220	63	162583	24.128	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	97259	24.517	ug/L	98
22) 2-Butanone	7.171	43	39959	36.168	ug/L	98
23) Bromochloromethane	7.513	128	40436	23.513	ug/L	98
25) Chloroform	7.677	83	181484	25.519	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	116759	24.205	ug/L	100
29) Cyclohexane	7.958	56	132751	22.084	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	156837	25.175	ug/L	99
31) Carbon tetrachloride	8.074	117	143956	25.860	ug/L	98
33) Benzene	8.324	78	366320	23.895	ug/L	100
34) Trichloroethene	9.092	95	97015	23.906	ug/L	98
35) Methylcyclohexane	9.336	83	160227	23.236	ug/L	98
37) 1,2-Dichloropropane	9.372	63	87063	23.399	ug/L	98
38) Bromodichloromethane	9.646	83	130109	25.055	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141778	24.103	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	88140	40.367	ug/L	98
42) Toluene	10.390	91	400057	24.581	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	124746	23.855	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	65781	23.415	ug/L	97
46) Tetrachloroethene	10.860	164	68695	23.669	ug/L	94
48) 2-Hexanone	10.969	43	59158	39.176	ug/L	98
49) Dibromochloromethane	11.128	129	83966	24.519	ug/L	92
50) 1,2-Dibromoethane	11.238	107	59969	22.570	ug/L	98
51) Chlorobenzene	11.658	112	254809	24.153	ug/L	96
52) Ethylbenzene	11.731	91	460516	24.513	ug/L	98
53) m,p-Xylene	11.841	106	176559	24.279	ug/L	99
54) o-Xylene	12.164	106	167960	24.482	ug/L	97
55) Styrene	12.183	104	294326	24.700	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	74734	22.175	ug/L	98
59) Bromoform	12.347	173	45751	24.475	ug/L #	98
60) Isopropylbenzene	12.463	105	475889	23.950	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56238	21.180	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	416732	24.160	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	408774	24.168	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	201832	24.354	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	200024	24.189	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	180919	24.280	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	13492	21.988	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	138650	25.259	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	101291	23.742	ug/L	95
71) Naphthalene	15.359	128	203035	22.560	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	90429	24.326	ug/L	99

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

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