

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
 Data File : VW020397.D
 Acq On : 08 Oct 2021 06:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Oct 08 07:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 07:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220779	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	206498	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	104862	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	67411	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
7) Chloroethane-d5	2.879	69	36544	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.88%
11) 1,1-Dichloroethene-d2	4.019	63	133087	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.96%
21) 2-Butanone-d5	7.080	46	55173	71.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.76%#
24) Chloroform-d	7.647	84	157020	24.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	8.305	65	92299	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	8.275	84	292865	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	9.275	67	96912	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	10.323	98	262138	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	10.579	79	39109	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.96%
47) 2-Hexanone-d5	10.927	63	39613	72.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.54%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	85614	30.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.72%#
66) 1,2-Dichlorobenzene-d4	13.853	152	84616	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	45807	37.87	ug/L	97
3) Chloromethane	2.215	50	72211	24.42	ug/L	98
5) Vinyl chloride	2.355	62	97974	24.35	ug/L	99
6) Bromomethane	2.770	94	43166	27.72	ug/L	100
8) Chloroethane	2.916	64	36332	30.21	ug/L	97
9) Trichlorofluoromethane	3.251	101	37787	18.13	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	79921	24.60	ug/L	99
12) 1,1-Dichloroethene	4.038	96	74351	24.20	ug/L	98
13) Acetone	4.129	43	40399	50.84	ug/L	100
14) Carbon disulfide	4.385	76	233448	23.11	ug/L	99
15) Methyl Acetate	4.678	43	51103	35.19	ug/L	99
16) Methylene chloride	4.916	84	94847	24.06	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	80908	25.16	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	123821	29.78	ug/L	99
19) 1,1-Dichloroethane	6.214	63	167550	26.20	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	88573	26.93	ug/L	97
22) 2-Butanone	7.177	43	65169	66.70	ug/L	100
23) Bromochloromethane	7.513	128	39919	28.66	ug/L	98
25) Chloroform	7.677	83	166292	27.18	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	120812	29.57	ug/L	99
29) Cyclohexane	7.958	56	148219	24.14	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	120518	24.33	ug/L	100
31) Carbon tetrachloride	8.067	117	102846	23.79	ug/L	99
33) Benzene	8.323	78	370982	25.83	ug/L	100
34) Trichloroethene	9.092	95	87916	24.89	ug/L	99
35) Methylcyclohexane	9.335	83	147330	23.91	ug/L	99
37) 1,2-Dichloropropane	9.372	63	97609	27.28	ug/L	100
38) Bromodichloromethane	9.646	83	117686	27.00	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	136375	26.95	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	147728	75.59	ug/L	100
42) Toluene	10.390	91	380264	26.33	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	123161	28.10	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69569	30.74	ug/L	99
46) Tetrachloroethene	10.866	164	60999	23.46	ug/L	98
48) 2-Hexanone	10.969	43	105985	74.34	ug/L	98
49) Dibromochloromethane	11.128	129	73989	29.13	ug/L	98
50) 1,2-Dibromoethane	11.238	107	62776	30.16	ug/L	96
51) Chlorobenzene	11.658	112	227114	25.93	ug/L	97
52) Ethylbenzene	11.731	91	408040	25.88	ug/L	99
53) m,p-Xylene	11.841	106	149991	25.75	ug/L	98
54) o-Xylene	12.164	106	145287	26.63	ug/L	98
55) Styrene	12.183	104	261419	27.85	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	88155	32.76	ug/L	99
59) Bromoform	12.347	173	39413	28.13	ug/L	96
60) Isopropylbenzene	12.463	105	387086	24.87	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67281	32.37	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	325014	25.80	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	326829	25.96	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	161406	24.65	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	168475	25.49	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	156421	26.79	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15062	34.14	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	110687	23.80	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	86895	23.95	ug/L	96
71) Naphthalene	15.365	128	212903	33.69	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	86568	27.32	ug/L	98

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

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