

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020545.D
 Acq On : 15 Oct 2021 19:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025036

Quant Time: Oct 16 06:58:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	185164	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	174504	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	92318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	63434	23.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
7) Chloroethane-d5	2.879	69	36939	25.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	4.019	63	129733	23.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.000%
21) 2-Butanone-d5	7.080	46	46601	56.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
24) Chloroform-d	7.653	84	144191	24.430	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	8.305	65	83761	24.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	8.275	84	272018	23.698	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.274	67	89038	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	10.323	98	245651	23.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	10.579	79	36515	24.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.927	63	33139	57.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.160%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73390	25.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	80589	22.316	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34410	28.758	ug/L	99
3) Chloromethane	2.209	50	63832	25.657	ug/L	96
5) Vinyl chloride	2.355	62	86296	24.661	ug/L	99
6) Bromomethane	2.769	94	37242	24.504	ug/L	97
8) Chloroethane	2.910	64	34794	26.928	ug/L	99
9) Trichlorofluoromethane	3.251	101	47688	23.952	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71556	25.201	ug/L	99
12) 1,1-Dichloroethene	4.038	96	65421	25.129	ug/L	95
13) Acetone	4.129	43	36772	48.846	ug/L	99
14) Carbon disulfide	4.379	76	198310	23.418	ug/L	98
15) Methyl Acetate	4.672	43	39212	28.048	ug/L	100
16) Methylene chloride	4.915	84	88482	24.581	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	68449	25.059	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	109906	28.560	ug/L	99
19) 1,1-Dichloroethane	6.214	63	146331	26.133	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	75414	26.563	ug/L	95
22) 2-Butanone	7.177	43	53043	56.288	ug/L	98
23) Bromochloromethane	7.519	128	33125	26.602	ug/L	96
25) Chloroform	7.677	83	141411	25.977	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	101777	27.336	ug/L	100
29) Cyclohexane	7.958	56	130570	25.557	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	112753	26.009	ug/L	99
31) Carbon tetrachloride	8.073	117	95966	25.178	ug/L	100
33) Benzene	8.323	78	318973	25.663	ug/L	100
34) Trichloroethene	9.091	95	76889	25.110	ug/L	98
35) Methylcyclohexane	9.335	83	124845	23.825	ug/L	98
37) 1,2-Dichloropropane	9.372	63	84395	26.220	ug/L	99
38) Bromodichloromethane	9.646	83	102211	26.485	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	120756	27.192	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	115912	59.999	ug/L	99
42) Toluene	10.390	91	330413	26.503	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	108572	27.733	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	55434	26.823	ug/L	98
46) Tetrachloroethene	10.866	164	55061	25.035	ug/L	94
48) 2-Hexanone	10.969	43	84659	59.728	ug/L	99
49) Dibromochloromethane	11.128	129	60214	26.447	ug/L	100
50) 1,2-Dibromoethane	11.237	107	51244	26.995	ug/L	99
51) Chlorobenzene	11.658	112	196801	25.599	ug/L	97
52) Ethylbenzene	11.731	91	361041	26.706	ug/L	97
53) m,p-Xylene	11.841	106	131425	26.237	ug/L	95
54) o-Xylene	12.164	106	126840	27.419	ug/L	99
55) Styrene	12.182	104	229592	28.385	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	71723	27.995	ug/L	97
59) Bromoform	12.347	173	34820	26.924	ug/L	98
60) Isopropylbenzene	12.463	105	340531	25.132	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54362	26.729	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	289558	26.174	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	291449	26.596	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	145171	24.762	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	148832	24.543	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	138410	25.769	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	11906	27.560	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	98373	23.531	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	77533	23.422	ug/L	98
71) Naphthalene	15.365	128	165819	27.861	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	72290	24.864	ug/L	98

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

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