

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021242.D
 Acq On : 09 Dec 2021 12:46
 Operator : SY/VA
 Sample : VSTD02533
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:00:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 14:58:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	100124	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98055	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49987	33.398	ug/L	0.00
7) Chloroethane-d5	2.885	69	32194	32.280	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	63879	28.376	ug/L	0.00
21) 2-Butanone-d5	7.079	46	11923	38.875	ug/L	0.00
24) Chloroform-d	7.646	84	67145	26.629	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	34998	25.926	ug/L	0.00
32) Benzene-d6	8.274	84	132893	26.588	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	34516	25.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.960%	
41) Toluene-d8	10.323	98	136494	26.663	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	15859	25.208	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	10125	40.460	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30853	24.414	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	56521	26.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9721	21.306	ug/L	98
3) Chloromethane	2.214	50	30440	27.242	ug/L	98
5) Vinyl chloride	2.361	62	50856	26.975	ug/L	89
6) Bromomethane	2.781	94	32541	25.576	ug/L	100
8) Chloroethane	2.922	64	23238	28.555	ug/L	95
9) Trichlorofluoromethane	3.257	101	26465	28.334	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36030	25.825	ug/L	90
12) 1,1-Dichloroethene	4.043	96	31880	24.772	ug/L	81
13) Acetone	4.123	43	9480	34.182	ug/L	96
14) Carbon disulfide	4.385	76	85085	24.870	ug/L	98
15) Methyl Acetate	4.671	43	9954	20.420	ug/L	91
16) Methylene chloride	4.921	84	33292	21.793	ug/L	77
17) trans-1,2-Dichloroethene	5.427	96	33802	25.016	ug/L	80
18) Methyl tert-butyl Ether	5.421	73	44746m	22.544	ug/L	
19) 1,1-Dichloroethane	6.220	63	51986	24.402	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	35330	24.807	ug/L	72
22) 2-Butanone	7.165	43	13461	35.053	ug/L	85
23) Bromochloromethane	7.518	128	16546	24.932	ug/L #	65
25) Chloroform	7.677	83	59810	25.068	ug/L	99
27) 1,2-Dichloroethane	8.402	62	36987	23.741	ug/L #	95
29) Cyclohexane	7.957	56	49622	23.847	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	55293	24.619	ug/L	94
31) Carbon tetrachloride	8.067	117	50877	24.841	ug/L	98
33) Benzene	8.323	78	129573	23.894	ug/L	100
34) Trichloroethene	9.091	95	36217	24.199	ug/L	90
35) Methylcyclohexane	9.335	83	61140	24.162	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	28433	23.478	ug/L #	96
38) Bromodichloromethane	9.646	83	40538	23.809	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	46722	23.875	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	29795	37.718	ug/L #	91
42) Toluene	10.390	91	156753	25.267	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.609	75	40381	23.219	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	23245	22.667	ug/L	96
46) Tetrachloroethene	10.865	164	35450	25.132	ug/L	93
48) 2-Hexanone	10.969	43	23232	40.740	ug/L #	95
49) Dibromochloromethane	11.128	129	29092	23.193	ug/L	91
50) 1,2-Dibromoethane	11.237	107	23116	22.562	ug/L #	89
51) Chlorobenzene	11.658	112	102597	24.583	ug/L	92
52) Ethylbenzene	11.731	91	182152	25.650	ug/L	96
53) m,p-Xylene	11.835	106	74654	25.437	ug/L	88
54) o-Xylene	12.164	106	72690	26.337	ug/L	93
55) Styrene	12.182	104	119413	25.274	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	28373	23.333	ug/L #	96
59) Bromoform	12.347	173	16709	21.417	ug/L	97
60) Isopropylbenzene	12.463	105	204722	25.521	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	21047	22.559	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	173544	25.705	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	171117	25.270	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	91884	24.407	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	91798	24.587	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	82921	24.755	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4108	20.456	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	73208	26.354	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	54355	24.797	ug/L	98
71) Naphthalene	15.365	128	89910	22.103	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	46844	24.080	ug/L	97

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

