

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020086.D
 Acq On : 21 Sep 2021 11:16
 Operator : SY/VA
 Sample : VSTD2.558
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5458

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:05:11 AM

Quant Time: Sep 22 04:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 03:59:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	367510	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	341780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	21669	2.882	ug/L	0.00
7) Chloroethane-d5	2.897	69	15930	2.813	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	31515	2.677	ug/L	0.00
21) 2-Butanone-d5	7.092	46	5843	5.036	ug/L	0.01
24) Chloroform-d	7.653	84	32289	2.794	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	17396	2.797	ug/L	0.00
32) Benzene-d6	8.281	84	58318	2.675	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	17342	2.748	ug/L	0.00
41) Toluene-d8	10.329	98	50670	2.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6554	2.430	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3861	4.421	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12713	2.612	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16997	2.818	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	7935	2.465	ug/L	95
3) Chloromethane	2.215	50	12921	2.903	ug/L	95
5) Vinyl chloride	2.367	62	17868	2.556	ug/L	96
6) Bromomethane	2.788	94	12273	2.716	ug/L	94
8) Chloroethane	2.934	64	11181	2.645	ug/L	97
9) Trichlorofluoromethane	3.263	101	11346	2.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.086	101	14254m	2.652	ug/L	
12) 1,1-Dichloroethene	4.044	96	12028	2.467	ug/L	95
13) Acetone	4.141	43	5267	5.301	ug/L	100
14) Carbon disulfide	4.385	76	36628	2.390	ug/L	99
15) Methyl Acetate	4.684	43	4865	2.560	ug/L	100
16) Methylene chloride	4.922	84	25575	3.944	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	13120	2.555	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	14365	2.357	ug/L #	84
19) 1,1-Dichloroethane	6.220	63	25063	2.647	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	12737	2.439	ug/L	97
22) 2-Butanone	7.183	43	6551	5.082	ug/L #	70
23) Bromochloromethane	7.525	128	6307	2.664	ug/L	88
25) Chloroform	7.677	83	26670	2.693	ug/L	97
27) 1,2-Dichloroethane	8.409	62	17216	2.642	ug/L	97
29) Cyclohexane	7.958	56	16215	2.132	ug/L	96
30) 1,1,1-Trichloroethane	7.884	97	22555	2.663	ug/L	99
31) Carbon tetrachloride	8.067	117	19928	2.586	ug/L	98
33) Benzene	8.329	78	52890	2.564	ug/L	100
34) Trichloroethene	9.098	95	14752	2.672	ug/L	99
35) Methylcyclohexane	9.341	83	19727	2.193	ug/L	95
37) 1,2-Dichloropropane	9.372	63	13695	2.681	ug/L #	96
38) Bromodichloromethane	9.646	83	18429	2.664	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	18175	2.412	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	12172	4.731	ug/L	97
42) Toluene	10.390	91	52688	2.404	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	15983	2.361	ug/L	98

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45) 1,1,2-Trichloroethane	10.786	97	10108	2.698	ug/L	94
46) Tetrachloroethene	10.866	164	11398	2.671	ug/L	94
48) 2-Hexanone	10.969	43	7490	4.179	ug/L	99
49) Dibromochloromethane	11.128	129	11311	2.584	ug/L	98
50) 1,2-Dibromoethane	11.237	107	9274	2.631	ug/L #	85
51) Chlorobenzene	11.658	112	37130	2.605	ug/L	97
52) Ethylbenzene	11.731	91	56807	2.354	ug/L	98
53) m,p-Xylene	11.841	106	20575	2.236	ug/L	97
54) o-Xylene	12.170	106	18705	2.197	ug/L	91
55) Styrene	12.182	104	31063	2.100	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	11967	2.674	ug/L	98
59) Bromoform	12.353	173	5990	2.731	ug/L #	97
60) Isopropylbenzene	12.463	105	50015	2.319	ug/L	99
61) 1,2,3-Trichloropropane	12.774	75	8732	2.875	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	39631	2.239	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	37511	2.157	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	27069	2.737	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	29077	2.845	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	25467	2.827	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	1951	2.862	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	19315	2.823	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	13767	2.608	ug/L	92
71) Naphthalene	15.365	128	21162	2.273	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	12740	2.680	ug/L	99

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

