

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024560.D
 Acq On : 06 Sep 2022 17:02
 Operator : SY/VA
 Sample : VSTD2.537
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

Quant Time: Sep 07 04:37:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	314113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18159	2.800	ug/L	0.00
7) Chloroethane-d5	2.879	69	13272	2.752	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	18157	2.654	ug/L	0.00
21) 2-Butanone-d5	7.086	46	5116m	4.691	ug/L	0.00
24) Chloroform-d	7.641	84	21177	2.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13046	2.892	ug/L	0.00
32) Benzene-d6	8.275	84	39100	2.605	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	12029	2.718	ug/L	0.00
41) Toluene-d8	10.323	98	37800	2.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	4939	2.490	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3502	4.305	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11690	2.756	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	12952	2.658	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	3679m	2.497	ug/L	
3) Chloromethane	2.215	50	13070	2.794	ug/L	99
5) Vinyl chloride	2.355	62	23202	2.942	ug/L	96
6) Bromomethane	2.776	94	14694	2.858	ug/L	98
8) Chloroethane	2.916	64	11821	2.755	ug/L	94
9) Trichlorofluoromethane	3.251	101	13694	3.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	10892	2.592	ug/L #	53
12) 1,1-Dichloroethene	4.032	96	9400	2.618	ug/L	88
13) Acetone	4.123	43	6361	7.269	ug/L	66
14) Carbon disulfide	4.373	76	25291	2.662	ug/L #	95
15) Methyl Acetate	4.660	43	4551m	2.381	ug/L	
17) trans-1,2-Dichloroethene	5.409	96	10716	2.609	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	17530	2.393	ug/L	98
19) 1,1-Dichloroethane	6.208	63	19891	2.658	ug/L	97
20) cis-1,2-Dichloroethene	7.159	96	11908	2.580	ug/L #	98
22) 2-Butanone	7.177	43	9238m	6.424	ug/L	
23) Bromochloromethane	7.519	128	5512	2.581	ug/L	78
25) Chloroform	7.677	83	22086	2.656	ug/L	99
27) 1,2-Dichloroethane	8.397	62	14738	2.637	ug/L	100
29) Cyclohexane	7.946	56	14322	2.424	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	18058	2.699	ug/L	99
31) Carbon tetrachloride	8.061	117	15604	2.553	ug/L	98
33) Benzene	8.317	78	45320	2.617	ug/L	100
34) Trichloroethene	9.092	95	11993	2.651	ug/L	96
35) Methylcyclohexane	9.329	83	17303	2.391	ug/L	96
37) 1,2-Dichloropropane	9.366	63	11608	2.684	ug/L #	96
38) Bromodichloromethane	9.646	83	16051	2.626	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	13317	2.106	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	13543	4.747	ug/L #	96
42) Toluene	10.384	91	47024	2.463	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	13651	2.285	ug/L	96
45) 1,1,2-Trichloroethane	10.780	97	8950	2.476	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.854	164	8467	2.541	ug/L	84
48) 2-Hexanone	10.963	43	8102	4.141	ug/L #	95
49) Dibromochloromethane	11.122	129	9548	2.259	ug/L	98
50) 1,2-Dibromoethane	11.232	107	9022	2.572	ug/L #	87
51) Chlorobenzene	11.658	112	34196	2.593	ug/L	94
52) Ethylbenzene	11.725	91	52779	2.435	ug/L	89
53) m,p-Xylene	11.835	106	19761	2.333	ug/L	82
54) o-Xylene	12.164	106	17788	2.206	ug/L	96
55) Styrene	12.176	104	31832	2.243	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	11134	2.433	ug/L	95
59) Bromoform	12.347	173	5219	2.333	ug/L #	96
60) Isopropylbenzene	12.463	105	47849	2.297	ug/L	97
61) 1,2,3-Trichloropropane	12.762	75	8220	2.582	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	37525	2.169	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	37510	2.178	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	22549	2.402	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	25882	2.616	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	22347	2.553	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	2465	3.273	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.621	180	13833	2.269	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	10490	2.168	ug/L	89
71) Naphthalene	15.359	128	21281	1.988	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10664	2.369	ug/L	94

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

