

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024638.D
 Acq On : 26 Sep 2022 16:13
 Operator : SY/VA
 Sample : VSTD2.553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5453

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 00:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	619517	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	543020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	253254	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14347	2.213	ug/L	0.00
7) Chloroethane-d5	2.891	69	9106	2.418	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	35763	2.384	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12842m	5.550	ug/L	0.00
24) Chloroform-d	7.653	84	43276	2.613	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	23484	2.733	ug/L	0.00
32) Benzene-d6	8.275	84	91716	2.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	28554	2.693	ug/L	0.00
41) Toluene-d8	10.323	98	81697	2.634	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	12389	2.623	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9566	5.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20552	2.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25217	2.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7928m	2.156	ug/L	
3) Chloromethane	2.215	50	17191	2.321	ug/L	98
5) Vinyl chloride	2.361	62	14859	1.951	ug/L	94
6) Bromomethane	2.782	94	9173	2.610	ug/L	92
8) Chloroethane	2.928	64	6773	2.109	ug/L	97
9) Trichlorofluoromethane	3.263	101	9915	2.327	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19270	2.371	ug/L #	76
12) 1,1-Dichloroethene	4.044	96	18513	2.273	ug/L	94
13) Acetone	4.135	43	10024	5.879	ug/L	98
14) Carbon disulfide	4.391	76	58876	2.301	ug/L	99
15) Methyl Acetate	4.678	43	8556	2.236	ug/L	97
16) Methylene chloride	4.922	84	48772	4.009	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	21911	2.410	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	37621	2.608	ug/L #	83
19) 1,1-Dichloroethane	6.220	63	42016	2.466	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	23857	2.442	ug/L	91
22) 2-Butanone	7.189	43	15295	5.619	ug/L	98
23) Bromochloromethane	7.513	128	9950	2.506	ug/L	90
25) Chloroform	7.677	83	40046	2.479	ug/L	97
27) 1,2-Dichloroethane	8.403	62	25499	2.508	ug/L	99
29) Cyclohexane	7.952	56	40805	2.411	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	32374	2.464	ug/L	100
31) Carbon tetrachloride	8.067	117	26937	2.421	ug/L	94
33) Benzene	8.323	78	96842	2.548	ug/L	100
34) Trichloroethene	9.092	95	23635	2.454	ug/L	95
35) Methylcyclohexane	9.335	83	42037	2.381	ug/L	98
37) 1,2-Dichloropropane	9.366	63	23348	2.488	ug/L	99
38) Bromodichloromethane	9.646	83	28093	2.434	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	35803	2.413	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	27993	5.040	ug/L	98
42) Toluene	10.384	91	97674	2.489	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	30285	2.381	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.780	97	15780	2.462	ug/L	98
46) Tetrachloroethene	10.860	164	15656	2.392	ug/L	92
48) 2-Hexanone	10.969	43	17890	4.764	ug/L	98
49) Dibromochloromethane	11.128	129	17365	2.406	ug/L	97
50) 1,2-Dibromoethane	11.231	107	15013	2.475	ug/L	99
51) Chlorobenzene	11.658	112	59695	2.484	ug/L	99
52) Ethylbenzene	11.731	91	105332	2.436	ug/L	99
53) m,p-Xylene	11.841	106	41414	2.453	ug/L	94
54) o-Xylene	12.164	106	39300	2.465	ug/L	97
55) Styrene	12.176	104	65430	2.435	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	18865	2.514	ug/L	99
59) Bromoform	12.347	173	8609	2.405	ug/L #	94
60) Isopropylbenzene	12.463	105	104804	2.539	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	14246	2.611	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	90399	2.520	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	87973	2.503	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	42630	2.542	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	41718	2.556	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	37467	2.565	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	3380	2.620	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	27312	2.453	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	23523	2.515	ug/L	92
71) Naphthalene	15.359	128	51000	2.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	19502	2.450	ug/L	98

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

