

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024622.D
 Acq On : 21 Sep 2022 17:18
 Operator : SY/VA
 Sample : VSTD2.545
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5445

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	357864	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	349833	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	22927	2.808	ug/L	0.00
7) Chloroethane-d5	2.879	69	18868	2.743	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	21959	2.425	ug/L	0.00
21) 2-Butanone-d5	7.092	46	6837m	6.236	ug/L	0.01
24) Chloroform-d	7.647	84	27059	2.659	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	15953	2.897	ug/L	0.00
32) Benzene-d6	8.275	84	47928	2.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14419	2.562	ug/L	0.00
41) Toluene-d8	10.323	98	44442	2.329	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5790	2.304	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	4074	4.533	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	13140	2.678	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16033	2.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4222	2.596	ug/L	97
3) Chloromethane	2.209	50	17493	2.745	ug/L	93
5) Vinyl chloride	2.355	62	24214	2.695	ug/L	95
6) Bromomethane	2.770	94	21735	2.724	ug/L	87
8) Chloroethane	2.910	64	14451	2.604	ug/L	91
9) Trichlorofluoromethane	3.245	101	8549	2.433	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	13399	2.639	ug/L #	79
12) 1,1-Dichloroethene	4.025	96	10869m	2.421	ug/L	
13) Acetone	4.141	43	4959	6.009	ug/L	72
14) Carbon disulfide	4.373	76	32575	2.329	ug/L	98
15) Methyl Acetate	4.684	43	5495m	2.757	ug/L	
17) trans-1,2-Dichloroethene	5.415	96	12760m	2.637	ug/L	
18) Methyl tert-butyl Ether	5.428	73	19836	2.444	ug/L #	86
19) 1,1-Dichloroethane	6.214	63	21043	2.455	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	11903	2.246	ug/L #	83
22) 2-Butanone	7.183	43	7435	5.891	ug/L	81
23) Bromochloromethane	7.519	128	6203	2.464	ug/L	97
25) Chloroform	7.671	83	23573	2.496	ug/L	92
27) 1,2-Dichloroethane	8.397	62	16404	2.619	ug/L	99
29) Cyclohexane	7.952	56	16366	2.093	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	19422	2.390	ug/L	97
31) Carbon tetrachloride	8.061	117	18417	2.382	ug/L	93
33) Benzene	8.323	78	48969	2.350	ug/L	100
34) Trichloroethene	9.085	95	14115	2.500	ug/L	79
35) Methylcyclohexane	9.335	83	20322	2.157	ug/L	96
37) 1,2-Dichloropropane	9.372	63	11613	2.373	ug/L #	90
38) Bromodichloromethane	9.646	83	17075	2.452	ug/L #	87
39) cis-1,3-Dichloropropene	10.073	75	15683	2.054	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	12734	4.530	ug/L	99
42) Toluene	10.384	91	51715	2.211	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	14569	2.149	ug/L	95
45) 1,1,2-Trichloroethane	10.792	97	10206	2.506	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.866	164	10041	2.260	ug/L	90
48) 2-Hexanone	10.969	43	8693	4.507	ug/L	93
49) Dibromochloromethane	11.128	129	10753	2.184	ug/L	86
50) 1,2-Dibromoethane	11.238	107	9342	2.351	ug/L #	96
51) Chlorobenzene	11.652	112	37549	2.434	ug/L	94
52) Ethylbenzene	11.731	91	54943	2.138	ug/L	99
53) m,p-Xylene	11.835	106	21215	2.079	ug/L	98
54) o-Xylene	12.164	106	19150	2.000	ug/L	79
55) Styrene	12.176	104	32236	1.958	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	12217	2.507	ug/L	86
59) Bromoform	12.347	173	5613	2.158	ug/L	96
60) Isopropylbenzene	12.463	105	52980	2.120	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8662	2.608	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	39866	1.964	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	38429	1.892	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	24523	2.176	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	28044	2.419	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	24321	2.337	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2189	2.831	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	15334	2.070	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	12040	2.032	ug/L	100
71) Naphthalene	15.359	128	21547	1.819	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	11390	2.115	ug/L	96

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

