

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022106.D
 Acq On : 23 Feb 2022 13:36
 Operator : SY/VA
 Sample : VSTD00557
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005457

Quant Time: Feb 24 01:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	164311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11095	5.177	ug/L	0.00
7) Chloroethane-d5	2.885	69	8246	4.890	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	17127	5.219	ug/L	0.00
21) 2-Butanone-d5	7.086	46	3461	9.321	ug/L	0.00
24) Chloroform-d	7.653	84	19389	5.289	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	9531	5.002	ug/L	0.00
32) Benzene-d6	8.275	84	36860	5.267	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	10252	5.276	ug/L	0.00
41) Toluene-d8	10.323	98	34585	4.971	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4083	4.739	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2617	8.188	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8366	4.905	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	13022	5.120	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2308	5.026	ug/L	99
3) Chloromethane	2.215	50	9352	5.943	ug/L	90
5) Vinyl chloride	2.361	62	13391	5.664	ug/L	98
6) Bromomethane	2.776	94	9261	5.609	ug/L	86
8) Chloroethane	2.922	64	7134	5.371	ug/L	86
9) Trichlorofluoromethane	3.257	101	8962	5.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	10911m	5.571	ug/L	
12) 1,1-Dichloroethene	4.044	96	9208	5.425	ug/L	91
13) Acetone	4.135	43	2747	9.532	ug/L	78
14) Carbon disulfide	4.385	76	24286	5.519	ug/L	97
15) Methyl Acetate	4.678	43	3355m	5.085	ug/L	
16) Methylene chloride	4.916	84	11690	5.796	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	10214	5.479	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	12395	4.887	ug/L #	69
19) 1,1-Dichloroethane	6.220	63	16061	5.321	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	10316	5.108	ug/L	94
22) 2-Butanone	7.183	43	3666	8.588	ug/L	79
23) Bromochloromethane	7.519	128	5201	5.272	ug/L	93
25) Chloroform	7.671	83	18563	5.271	ug/L	95
27) 1,2-Dichloroethane	8.397	62	11652	5.372	ug/L	99
29) Cyclohexane	7.958	56	13144	5.253	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	15940	5.269	ug/L	99
31) Carbon tetrachloride	8.067	117	14962	5.204	ug/L	96
33) Benzene	8.323	78	40340	5.549	ug/L	100
34) Trichloroethene	9.092	95	11264	5.412	ug/L	95
35) Methylcyclohexane	9.335	83	17063	5.300	ug/L	95
37) 1,2-Dichloropropane	9.372	63	9356	5.517	ug/L	99
38) Bromodichloromethane	9.646	83	12117	4.982	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	12452	4.830	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	8450	9.226	ug/L	98
42) Toluene	10.384	91	43702	5.312	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	11141	4.809	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	7637	5.078	ug/L	97
46) Tetrachloroethene	10.860	164	9628	5.280	ug/L	88
48) 2-Hexanone	10.963	43	5306	8.347	ug/L #	92
49) Dibromochloromethane	11.128	129	8746	4.788	ug/L	100
50) 1,2-Dibromoethane	11.238	107	7259	5.004	ug/L #	96
51) Chlorobenzene	11.658	112	30227	5.279	ug/L	97
52) Ethylbenzene	11.731	91	47466	5.213	ug/L	99
53) m,p-Xylene	11.841	106	19687	5.254	ug/L	86
54) o-Xylene	12.164	106	17283	4.902	ug/L	100
55) Styrene	12.182	104	29317	4.960	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.707	83	8765	5.023	ug/L	99
59) Bromoform	12.347	173	4498	4.295	ug/L	94
60) Isopropylbenzene	12.463	105	47668	5.015	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	6200	4.961	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	30479	4.822	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	38208	4.946	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	24207	5.133	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	24387	5.161	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	21699	5.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1181	4.468	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	17193	5.080	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	12091	4.721	ug/L	99
71) Naphthalene	15.359	128	19703	4.358	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.548	180	11448	5.168	ug/L	95

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

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