

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080190.D
 Acq On : 09 Jan 2025 11:29
 Operator : RP/MD
 Sample : VSTD02564
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025864

Quant Time: Jan 09 19:48:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 19:44:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	235185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	222973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120894	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	169037	24.506	ug/L	0.00
7) Chloroethane-d5	2.805	69	140493	25.064	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	39291	23.568	ug/L	0.00
21) 2-Butanone-d5	6.999	46	33697	43.267	ug/L	0.00
24) Chloroform-d	7.575	84	181652	24.613	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	92762	23.996	ug/L	0.00
32) Benzene-d6	8.210	84	357339	24.824	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	114495	24.032	ug/L	0.00
41) Toluene-d8	10.269	98	341865	26.059	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	47019	24.154	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	28046	47.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88100	24.677	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	107023	23.549	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	107925	23.121	ug/L	100
3) Chloromethane	2.152	50	146390	23.005	ug/L	100
5) Vinyl chloride	2.287	62	186413	23.874	ug/L	100
6) Bromomethane	2.699	94	111116	24.436	ug/L	100
8) Chloroethane	2.846	64	117987	24.634	ug/L	100
9) Trichlorofluoromethane	3.181	101	160572	24.750	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	93544	25.271	ug/L	100
12) 1,1-Dichloroethene	3.946	96	79027	23.918	ug/L	100
13) Acetone	4.028	43	26130	41.399	ug/L	100
14) Carbon disulfide	4.275	76	307320	24.956	ug/L	100
15) Methyl Acetate	4.563	43	35138m	22.639	ug/L	
16) Methylene chloride	4.805	84	96245	24.106	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	90502	25.036	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	167693	24.488	ug/L	100
19) 1,1-Dichloroethane	6.116	63	171828	24.763	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	94778	25.075	ug/L	100
22) 2-Butanone	7.087	43	40677	45.276	ug/L	100
23) Bromochloromethane	7.428	128	46518	25.391	ug/L	100
25) Chloroform	7.604	83	193657	25.182	ug/L	100
27) 1,2-Dichloroethane	8.334	62	114220	25.461	ug/L	100
29) Cyclohexane	7.887	56	148970	26.555	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	151210	25.597	ug/L	100
31) Carbon tetrachloride	7.999	117	136158	26.115	ug/L	100
33) Benzene	8.257	78	393657	25.964	ug/L	100
34) Trichloroethene	9.034	95	100468	25.586	ug/L	100
35) Methylcyclohexane	9.281	83	158411	27.129	ug/L	100
37) 1,2-Dichloropropane	9.310	63	105055	25.432	ug/L	100
38) Bromodichloromethane	9.587	83	132302	25.546	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	151022	25.866	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	97750	48.206	ug/L	100
42) Toluene	10.334	91	430434	27.172	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	132608	26.300	ug/L	100

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45) 1,1,2-Trichloroethane	10.734	97	74156	24.587	ug/L	100
46) Tetrachloroethene	10.810	164	82178	25.973	ug/L	100
48) 2-Hexanone	10.922	43	69647	51.541	ug/L	100
49) Dibromochloromethane	11.075	129	85115	25.340	ug/L	100
50) 1,2-Dibromoethane	11.181	107	69295	25.280	ug/L	100
51) Chlorobenzene	11.610	112	259900	25.593	ug/L	100
52) Ethylbenzene	11.687	91	457227	26.899	ug/L	100
53) m,p-Xylene	11.792	106	174033	27.396	ug/L	100
54) o-Xylene	12.122	106	161285	27.140	ug/L	100
55) Styrene	12.140	104	296266	27.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	86802	25.388	ug/L	100
59) Bromoform	12.304	173	52511	24.208	ug/L	100
60) Isopropylbenzene	12.422	105	444279	26.350	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	59096	23.117	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	349614	26.020	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	349468	26.662	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	203853	24.717	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	211653	24.854	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	181861	24.617	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	13134	23.520	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	140552	25.061	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	111752	24.418	ug/L	100
71) Naphthalene	15.333	128	190177	23.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	105472	24.813	ug/L	100

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

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