

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076913.D
 Acq On : 03 Aug 2023 11:01
 Operator : KP/SY
 Sample : VSTD02560
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Quant Time: Aug 04 01:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	279945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145309	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	148712	22.274	ug/L	0.00
7) Chloroethane-d5	2.799	69	142521	25.436	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	37950	21.810	ug/L	0.00
21) 2-Butanone-d5	6.987	46	56525	53.618	ug/L	0.00
24) Chloroform-d	7.569	84	195345	26.112	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	97798	26.472	ug/L	0.00
32) Benzene-d6	8.204	84	386118	22.877	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	119884	22.350	ug/L	0.00
41) Toluene-d8	10.269	98	361499	23.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	52851	23.481	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	49209	55.695	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118252	28.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	118057	22.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	102304	23.663	ug/L	99
3) Chloromethane	2.146	50	146659	20.999	ug/L	100
5) Vinyl chloride	2.281	62	205493	26.081	ug/L	94
6) Bromomethane	2.687	94	153836	32.916	ug/L	100
8) Chloroethane	2.834	64	139868	28.334	ug/L	92
9) Trichlorofluoromethane	3.169	101	173744	29.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	113272	29.375	ug/L	98
12) 1,1-Dichloroethene	3.940	96	100941	27.241	ug/L	86
13) Acetone	4.016	43	63952	67.866	ug/L	94
14) Carbon disulfide	4.269	76	357992	26.744	ug/L	99
15) Methyl Acetate	4.558	43	51832m	26.951	ug/L	
16) Methylene chloride	4.799	84	125702	25.194	ug/L	82
17) trans-1,2-Dichloroethene	5.311	96	114666	27.493	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	260524	27.551	ug/L #	92
19) 1,1-Dichloroethane	6.110	63	190296	25.535	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	128811	27.749	ug/L	92
22) 2-Butanone	7.081	43	84776	59.227	ug/L	90
23) Bromochloromethane	7.422	128	60720	30.132	ug/L	81
25) Chloroform	7.599	83	209397	28.053	ug/L	92
27) 1,2-Dichloroethane	8.328	62	130611	28.414	ug/L	98
29) Cyclohexane	7.881	56	160494	22.026	ug/L #	83
30) 1,1,1-Trichloroethane	7.793	97	174466	26.363	ug/L	97
31) Carbon tetrachloride	7.993	117	146113	27.300	ug/L	99
33) Benzene	8.252	78	472824	25.403	ug/L	100
34) Trichloroethene	9.028	95	117628	24.651	ug/L	96
35) Methylcyclohexane	9.275	83	203047	26.070	ug/L	92
37) 1,2-Dichloropropane	9.304	63	119107	23.604	ug/L #	96
38) Bromodichloromethane	9.587	83	162438	27.579	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	194956	25.138	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	146675	46.971	ug/L #	89
42) Toluene	10.334	91	516691	25.804	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	168277	26.430	ug/L	97

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

Quant Time: Aug 04 01:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	106075	29.217	ug/L	98
46) Tetrachloroethene	10.810	164	92167	24.404	ug/L	94
48) 2-Hexanone	10.922	43	116243	52.815	ug/L #	89
49) Dibromochloromethane	11.075	129	113374	27.846	ug/L	95
50) 1,2-Dibromoethane	11.181	107	102762	29.185	ug/L #	87
51) Chlorobenzene	11.610	112	324075	25.906	ug/L	99
52) Ethylbenzene	11.687	91	553778	25.668	ug/L	99
53) m,p-Xylene	11.793	106	212332	25.096	ug/L	95
54) o-Xylene	12.122	106	203868	25.315	ug/L	97
55) Styrene	12.134	104	376003	26.696	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	130445	30.846	ug/L	96
59) Bromoform	12.298	173	71597	27.023	ug/L #	98
60) Isopropylbenzene	12.422	105	539794	24.457	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	84817	28.972	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	413296	23.645	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	416496	23.979	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	237865	24.309	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	246392	24.751	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	221550	25.110	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	18065	27.999	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	149628	23.111	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	130329	22.655	ug/L	96
71) Naphthalene	15.334	128	309146	26.939	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	121137	23.958	ug/L	98

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

