

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077525.D
 Acq On : 09 Nov 2023 09:19
 Operator : JC/SY
 Sample : VSTD00578
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005178

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023

Quant Time: Nov 10 00:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	334415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	135758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	49763	5.850	ug/L	0.00
7) Chloroethane-d5	2.805	69	36890	5.520	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	15364	5.841	ug/L	0.00
21) 2-Butanone-d5	6.993	46	15664m	10.988	ug/L	0.00
24) Chloroform-d	7.569	84	50897	5.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	27273	5.307	ug/L	0.00
32) Benzene-d6	8.204	84	104960	5.368	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	33568	5.271	ug/L	0.00
41) Toluene-d8	10.269	98	94838	5.368	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	14317	5.214	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	10934	9.597	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	21671	5.136	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	25130	5.203	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30015	5.573	ug/L	98
3) Chloromethane	2.152	50	42806	5.524	ug/L	87
5) Vinyl chloride	2.287	62	48170	5.508	ug/L	96
6) Bromomethane	2.699	94	23966	5.147	ug/L	94
8) Chloroethane	2.846	64	30195	5.554	ug/L	98
9) Trichlorofluoromethane	3.181	101	43867	5.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	26995	5.512	ug/L #	82
12) 1,1-Dichloroethene	3.946	96	26556	5.555	ug/L	95
13) Acetone	4.028	43	13786	8.906	ug/L	99
14) Carbon disulfide	4.275	76	97010	5.665	ug/L	99
15) Methyl Acetate	4.563	43	13739	5.394	ug/L	93
16) Methylene chloride	4.810	84	32492	5.751	ug/L	94
17) trans-1,2-Dichloroethene	5.322	96	27311	5.459	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	63099	5.374	ug/L #	79
19) 1,1-Dichloroethane	6.116	63	55045	5.484	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	28251	5.198	ug/L	88
22) 2-Butanone	7.087	43	19182m	10.180	ug/L	
23) Bromochloromethane	7.428	128	11916	5.456	ug/L	94
25) Chloroform	7.599	83	48676	5.279	ug/L	99
27) 1,2-Dichloroethane	8.334	62	33148	5.423	ug/L	97
29) Cyclohexane	7.881	56	54830	5.606	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	44476	5.640	ug/L	98
31) Carbon tetrachloride	7.993	117	37783	5.575	ug/L	100
33) Benzene	8.251	78	112557	5.388	ug/L	100
34) Trichloroethene	9.034	95	27970	5.403	ug/L	92
35) Methylcyclohexane	9.275	83	51606	5.527	ug/L	99
37) 1,2-Dichloropropane	9.304	63	31855	5.485	ug/L	99
38) Bromodichloromethane	9.587	83	36606	5.495	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	48308	5.413	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	37181	10.506	ug/L	98
42) Toluene	10.334	91	117581	5.361	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	38936	5.280	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077525.D
 Acq On : 09 Nov 2023 09:19
 Operator : JC/SY
 Sample : VSTD00578
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005178

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023

Quant Time: Nov 10 00:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.740	97	18715	5.272	ug/L	95
46) Tetrachloroethene	10.810	164	20525	5.389	ug/L	92
48) 2-Hexanone	10.922	43	27984	9.976	ug/L	99
49) Dibromochloromethane	11.075	129	21629	5.364	ug/L	94
50) 1,2-Dibromoethane	11.187	107	18461	5.438	ug/L #	92
51) Chlorobenzene	11.610	112	68925	5.364	ug/L	99
52) Ethylbenzene	11.687	91	128561	5.327	ug/L	94
53) m,p-Xylene	11.792	106	46659	5.313	ug/L	92
54) o-Xylene	12.122	106	43202	5.136	ug/L	90
55) Styrene	12.134	104	76804	5.230	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	21715	5.192	ug/L #	97
59) Bromoform	12.298	173	12531	5.414	ug/L #	98
60) Isopropylbenzene	12.422	105	122533	5.580	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	16774	5.801	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	88908	5.335	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	90888	5.384	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	50208	5.573	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	49946	5.494	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	43274	5.433	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	3336	5.304	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	33295	5.428	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	27658	5.350	ug/L	99
71) Naphthalene	15.333	128	51963	5.333	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	23852	5.411	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077525.D
Acq On : 09 Nov 2023 09:19
Operator : JC/SY
Sample : VSTD00578
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005178

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023

Quant Time: Nov 10 00:04:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
Response via : Initial Calibration

