

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076432.D
 Acq On : 15 Jun 2023 11:09
 Operator : KP/SY
 Sample : VSTD00553
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005153

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Semsettin Yesilyurt 06/16/2023

Quant Time: Jun 16 01:14:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:13:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	265301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	235509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	111648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	35252	5.456	ug/L	0.00
7) Chloroethane-d5	2.799	69	28763	5.500	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.910	65	8960	5.313	ug/L	0.00
21) 2-Butanone-d5	6.992	46	9778	9.346	ug/L	0.00
24) Chloroform-d	7.569	84	35280	5.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	17200	4.988	ug/L	0.00
32) Benzene-d6	8.198	84	73014	5.068	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	23201	5.045	ug/L	0.00
41) Toluene-d8	10.269	98	66347	4.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	9776	5.111	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	6783	9.502	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	16125	4.929	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	20332	4.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20718	5.012	ug/L	98
3) Chloromethane	2.146	50	36299	5.282	ug/L	99
5) Vinyl chloride	2.281	62	37752	5.092	ug/L	91
6) Bromomethane	2.687	94	19316	4.704	ug/L	89
8) Chloroethane	2.834	64	22541	4.964	ug/L	93
9) Trichlorofluoromethane	3.169	101	27003	5.037	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	17203	4.948	ug/L	98
12) 1,1-Dichloroethene	3.934	96	17190	4.973	ug/L	94
13) Acetone	4.022	43	8057	10.164	ug/L	98
14) Carbon disulfide	4.269	76	63243	5.067	ug/L	97
15) Methyl Acetate	4.569	43	9171	4.811	ug/L #	85
16) Methylene chloride	4.798	84	25116	5.439	ug/L	87
17) trans-1,2-Dichloroethene	5.322	96	18449m	4.787	ug/L	
18) Methyl tert-butyl Ether	5.310	73	41771	4.780	ug/L #	84
19) 1,1-Dichloroethane	6.110	63	34342	4.893	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	21164	4.920	ug/L	85
22) 2-Butanone	7.081	43	13025m	9.649	ug/L	
23) Bromochloromethane	7.428	128	9200	5.056	ug/L	90
25) Chloroform	7.598	83	34054	4.972	ug/L	97
27) 1,2-Dichloroethane	8.322	62	21093	5.008	ug/L	95
29) Cyclohexane	7.869	56	31262	4.992	ug/L	98
30) 1,1,1-Trichloroethane	7.792	97	27711	5.065	ug/L	97
31) Carbon tetrachloride	7.986	117	20874	4.771	ug/L	100
33) Benzene	8.245	78	76552	4.911	ug/L	100
34) Trichloroethene	9.028	95	19899	4.970	ug/L	95
35) Methylcyclohexane	9.269	83	31573	4.890	ug/L	97
37) 1,2-Dichloropropane	9.304	63	20975	4.936	ug/L #	93
38) Bromodichloromethane	9.581	83	23620	4.873	ug/L #	95
39) cis-1,3-Dichloropropene	10.016	75	30946	4.769	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	25718	9.728	ug/L	99
42) Toluene	10.333	91	81306	4.881	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	24418	4.630	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	14652	5.027	ug/L	97
46) Tetrachloroethene	10.810	164	15416	4.897	ug/L	94
48) 2-Hexanone	10.922	43	17881	9.876	ug/L	98
49) Dibromochloromethane	11.075	129	15124	4.566	ug/L	92
50) 1,2-Dibromoethane	11.180	107	13599	4.807	ug/L	85
51) Chlorobenzene	11.610	112	50695	4.875	ug/L	95
52) Ethylbenzene	11.686	91	86125	4.797	ug/L	98
53) m,p-Xylene	11.792	106	33017	4.680	ug/L	93
54) o-Xylene	12.122	106	32385	4.821	ug/L	99
55) Styrene	12.133	104	54674	4.711	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.674	83	15884	4.768	ug/L #	90
59) Bromoform	12.298	173	9722	4.864	ug/L #	96
60) Isopropylbenzene	12.422	105	84253	4.934	ug/L	100
61) 1,2,3-Trichloropropane	12.727	75	10765	4.968	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	67240	4.921	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	65867	4.885	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	36832	4.848	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	37856	4.943	ug/L	95
67) 1,2-Dichlorobenzene	13.833	146	33300	4.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	2447	5.072	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	25686	5.069	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	22462	4.982	ug/L	97
71) Naphthalene	15.333	128	41041	4.754	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	18995	4.851	ug/L	99

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

