

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075761.D
 Acq On : 20 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTD05026
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

Manual Integrations

APPROVED

Reviewed By :Krupa
 Patel

04/21/2023

Supervised By :Mahesh
 Dadoda

04/22/2023

Quant Time: Apr 21 05:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	391231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	355960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	181006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	472308	55.031	ug/L	0.00
7) Chloroethane-d5	2.805	69	379510	51.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	108881	55.027	ug/L	0.00
21) 2-Butanone-d5	6.987	46	74261	99.669	ug/L	0.00
24) Chloroform-d	7.569	84	494713	50.567	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	211858	50.709	ug/L	0.00
32) Benzene-d6	8.205	84	1093344	52.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	293996	51.196	ug/L	0.00
41) Toluene-d8	10.269	98	1055914	54.364	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	125028	52.674	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	76056	109.996	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	217059	49.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	320773	50.102	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	302825	56.148	ug/L	99
3) Chloromethane	2.146	50	366636	48.764	ug/L	98
5) Vinyl chloride	2.287	62	519348	52.853	ug/L	98
6) Bromomethane	2.693	94	352695	53.416	ug/L	100
8) Chloroethane	2.840	64	316564	49.813	ug/L	98
9) Trichlorofluoromethane	3.181	101	414879	52.547	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	282173	53.196	ug/L	99
12) 1,1-Dichloroethene	3.946	96	279134	54.263	ug/L	83
13) Acetone	4.023	43	58838	92.278	ug/L	99
14) Carbon disulfide	4.275	76	934594	52.016	ug/L	99
15) Methyl Acetate	4.570	43	66493m	48.119	ug/L	
16) Methylene chloride	4.805	84	300515	37.864	ug/L	99
17) trans-1,2-Dichloroethene	5.317	96	300768	52.144	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	491692	53.142	ug/L	99
19) 1,1-Dichloroethane	6.111	63	426459	50.469	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	321968	52.790	ug/L	96
22) 2-Butanone	7.081	43	86302	103.822	ug/L	99
23) Bromochloromethane	7.428	128	142949	50.538	ug/L	96
25) Chloroform	7.599	83	477856	50.459	ug/L	97
27) 1,2-Dichloroethane	8.328	62	241789	49.463	ug/L	99
29) Cyclohexane	7.875	56	363048	59.578	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	389558	51.725	ug/L	100
31) Carbon tetrachloride	7.993	117	325464	53.865	ug/L	99
33) Benzene	8.252	78	1123137	52.162	ug/L	100
34) Trichloroethene	9.028	95	290676	52.203	ug/L	97
35) Methylcyclohexane	9.275	83	500572	58.309	ug/L	98
37) 1,2-Dichloropropane	9.305	63	255102	51.578	ug/L	99
38) Bromodichloromethane	9.587	83	336358	50.437	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	422271	53.684	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	192679	106.849	ug/L	98
42) Toluene	10.334	91	1263082	54.208	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	333299	52.746	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	208045	49.443	ug/L	99
46) Tetrachloroethene	10.810	164	244786	53.598	ug/L	97
48) 2-Hexanone	10.922	43	137035	107.793	ug/L	96
49) Dibromochloromethane	11.075	129	233022	50.870	ug/L	100
50) 1,2-Dibromoethane	11.181	107	195209	51.458	ug/L	100
51) Chlorobenzene	11.610	112	789411	51.787	ug/L	100
52) Ethylbenzene	11.687	91	1314771	55.027	ug/L	100
53) m,p-Xylene	11.793	106	535354	56.269	ug/L	99
54) o-Xylene	12.122	106	505434	55.932	ug/L	99
55) Styrene	12.134	104	872253	55.459	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	212221	49.569	ug/L	98
59) Bromoform	12.304	173	134313	48.417	ug/L	99
60) Isopropylbenzene	12.422	105	1295369	53.972	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	134204	47.198	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1017178	56.835	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	973319	56.417	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	587776	51.183	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	593088	49.209	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	516881	50.401	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	26444	46.521	ug/L	95
69) 1,3,5-Trichlorobenzene	14.593	180	365671	47.507	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	302281	47.389	ug/L	99
71) Naphthalene	15.334	128	594700	50.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	269590	47.348	ug/L	99

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

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