

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075552.D
 Acq On : 31 Mar 2023 10:46
 Operator : KP/SY
 Sample : VSTD2.517
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5117

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:55:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	420285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	304894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	21395	2.186	ug/L	0.00
7) Chloroethane-d5	2.805	69	19433	2.232	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	16855	2.135	ug/L	0.00
21) 2-Butanone-d5	6.981	46	2703m	4.242	ug/L	0.00
24) Chloroform-d	7.563	84	24750	2.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	10727	2.443	ug/L	0.00
32) Benzene-d6	8.199	84	48180	2.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	12340	2.598	ug/L	0.00
41) Toluene-d8	10.269	98	35819	2.143	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	4505	2.275	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2579	4.588	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	9214	2.589	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	10947	2.396	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	11040	2.803	ug/L	99
3) Chloromethane	2.152	50	14380	2.790	ug/L	96
5) Vinyl chloride	2.281	62	20861	2.597	ug/L	98
6) Bromomethane	2.693	94	14260	2.602	ug/L	96
8) Chloroethane	2.840	64	15105	2.699	ug/L	98
9) Trichlorofluoromethane	3.175	101	18281	2.617	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	12208m	2.516	ug/L	
12) 1,1-Dichloroethene	3.952	96	9634	2.403	ug/L #	63
13) Acetone	4.016	43	3373	5.047	ug/L	62
14) Carbon disulfide	4.275	76	26471	2.760	ug/L #	94
15) Methyl Acetate	4.563	43	2334	2.084	ug/L #	65
16) Methylene chloride	4.799	84	20061	3.472	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	10391	2.442	ug/L	87
18) Methyl tert-butyl Ether	5.310	73	16771	2.073	ug/L #	68
19) 1,1-Dichloroethane	6.122	63	18407m	2.523	ug/L	
20) cis-1,2-Dichloroethene	7.081	96	11435	2.288	ug/L	93
22) 2-Butanone	7.075	43	3899m	4.897	ug/L	
23) Bromochloromethane	7.428	128	6364	2.701	ug/L	94
25) Chloroform	7.593	83	23070	2.640	ug/L	93
27) 1,2-Dichloroethane	8.334	62	11452	2.536	ug/L	96
29) Cyclohexane	7.875	56	10976	2.950	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	19120	3.183	ug/L	97
31) Carbon tetrachloride	7.993	117	15386	3.173	ug/L	97
33) Benzene	8.251	78	46470	2.962	ug/L	100
34) Trichloroethene	9.028	95	13990	3.183	ug/L	96
35) Methylcyclohexane	9.275	83	13769	2.395	ug/L	93
37) 1,2-Dichloropropane	9.304	63	9653	2.615	ug/L	97
38) Bromodichloromethane	9.587	83	14283	2.717	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	13799	2.358	ug/L #	82
40) 4-Methyl-2-pentanone	10.163	43	6257	4.523	ug/L	97
42) Toluene	10.334	91	40781	2.340	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	11796	2.371	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	8465	2.499	ug/L	95
46) Tetrachloroethene	10.810	164	8648	2.512	ug/L	88
48) 2-Hexanone	10.922	43	4132	4.432	ug/L	98
49) Dibromochloromethane	11.081	129	9590	2.615	ug/L	88
50) 1,2-Dibromoethane	11.181	107	8303	2.798	ug/L #	92
51) Chlorobenzene	11.610	112	29437	2.507	ug/L	93
52) Ethylbenzene	11.687	91	43141	2.354	ug/L	89
53) m,p-Xylene	11.798	106	15806	2.199	ug/L	86
54) o-Xylene	12.122	106	14245	2.081	ug/L	96
55) Styrene	12.139	104	24748	2.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	9184	2.627	ug/L #	88
59) Bromoform	12.298	173	5409	2.626	ug/L #	94
60) Isopropylbenzene	12.422	105	39478	2.245	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	5594	2.654	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	28505	2.149	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	25472	2.008	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	20009	2.513	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	21887	2.635	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	17740	2.460	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.451	75	1349	3.178	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.598	180	12210	2.487	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	9901	2.491	ug/L	98
71) Naphthalene	15.339	128	16595	2.258	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	8729	2.452	ug/L	95

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

