

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075759.D
 Acq On : 20 Apr 2023 11:04
 Operator : KP/SY
 Sample : VSTD00524
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005124

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 05:01:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	369890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	154317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	34397	4.201	ug/L	0.00
7) Chloroethane-d5	2.799	69	30891	4.402	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	8391	1.250	ug/L	0.00
21) 2-Butanone-d5	6.987	46	5880m	9.046	ug/L	0.00
24) Chloroform-d	7.569	84	44600	4.810	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	18426	4.668	ug/L	0.00
32) Benzene-d6	8.199	84	91138	4.718	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	25007	4.645	ug/L	0.00
41) Toluene-d8	10.269	98	82538	4.575	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	10237	4.661	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5458	8.644	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	23045	5.585	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	24509	4.501	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15241	2.907	ug/L	99
3) Chloromethane	2.152	50	17542	2.465	ug/L	99
5) Vinyl chloride	2.281	62	26589	2.854	ug/L	99
6) Bromomethane	2.693	94	16849	2.689	ug/L	95
8) Chloroethane	2.840	64	18813	3.110	ug/L	99
9) Trichlorofluoromethane	3.175	101	28449	3.748	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	21885	4.274	ug/L #	89
12) 1,1-Dichloroethene	3.946	96	16029	3.277	ug/L	85
13) Acetone	4.022	43	6243	10.864	ug/L	74
14) Carbon disulfide	4.269	76	29072	1.694	ug/L	98
15) Methyl Acetate	4.569	43	5396	4.715	ug/L #	90
16) Methylene chloride	4.799	84	38972	5.057	ug/L	89
17) trans-1,2-Dichloroethene	5.311	96	17896	3.295	ug/L	87
18) Methyl tert-butyl Ether	5.311	73	33618m	3.840	ug/L	
19) 1,1-Dichloroethane	6.111	63	34680	4.332	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	21951	3.831	ug/L	87
22) 2-Butanone	7.081	43	7021m	9.082	ug/L	
23) Bromochloromethane	7.428	128	10857	4.055	ug/L	94
25) Chloroform	7.593	83	39711	4.484	ug/L	96
27) 1,2-Dichloroethane	8.328	62	20108	4.345	ug/L	99
29) Cyclohexane	7.881	56	15334	2.654	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	30005	4.235	ug/L #	86
31) Carbon tetrachloride	7.999	117	23193	4.056	ug/L	97
33) Benzene	8.252	78	78077	3.896	ug/L	100
34) Trichloroethene	9.034	95	21386	4.078	ug/L	93
35) Methylcyclohexane	9.275	83	24571	3.011	ug/L	99
37) 1,2-Dichloropropane	9.304	63	20409	4.381	ug/L	98
38) Bromodichloromethane	9.587	83	28224	4.470	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	28584	3.894	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	13696	8.284	ug/L	97
42) Toluene	10.334	91	85849	3.942	ug/L	91
44) trans-1,3-Dichloropropene	10.557	75	25095	4.277	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	17925	4.569	ug/L	96
46) Tetrachloroethene	10.810	164	17040	3.985	ug/L	97
48) 2-Hexanone	10.922	43	10052	8.686	ug/L	90
49) Dibromochloromethane	11.075	129	19063	4.472	ug/L	97
50) 1,2-Dibromoethane	11.181	107	15055	4.243	ug/L	92
51) Chlorobenzene	11.610	112	64102	4.511	ug/L	96
52) Ethylbenzene	11.687	91	89884	4.020	ug/L	100
53) m,p-Xylene	11.793	106	37724	4.244	ug/L	85
54) o-Xylene	12.122	106	39222	4.630	ug/L	97
55) Styrene	12.140	104	67183	4.564	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	21214	5.255	ug/L #	86
59) Bromoform	12.298	173	14167	5.950	ug/L	92
60) Isopropylbenzene	12.422	105	99157	4.839	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	13529	5.625	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	71282	4.639	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	63865	4.335	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	44984	4.565	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	49871	4.882	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	40308	4.598	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	2413	4.826	ug/L	81
69) 1,3,5-Trichlorobenzene	14.592	180	25988	3.978	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	21330	3.927	ug/L	98
71) Naphthalene	15.334	128	37716	3.836	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	18772	3.891	ug/L	94

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

