

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075765.D
 Acq On : 20 Apr 2023 15:31
 Operator : KP/SY
 Sample : VSTD2.529
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5129

Quant Time: Apr 21 05:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	360973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	327357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	18291	2.310	ug/L	0.00
7) Chloroethane-d5	2.805	69	17359	2.537	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	4078	2.234	ug/L	0.00
21) 2-Butanone-d5	6.987	46	3498m	5.088	ug/L	0.00
24) Chloroform-d	7.569	84	22757	2.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.222	65	9527	2.471	ug/L	0.00
32) Benzene-d6	8.199	84	46068	2.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	13036	2.468	ug/L	0.00
41) Toluene-d8	10.269	98	40297	2.256	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	5101	2.337	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2734	4.300	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	10539	2.608	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13921	2.742	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	12218	2.455	ug/L	97
3) Chloromethane	2.146	50	19314	2.784	ug/L	100
5) Vinyl chloride	2.281	62	23772	2.622	ug/L	99
6) Bromomethane	2.699	94	15372	2.523	ug/L	87
8) Chloroethane	2.840	64	16328	2.785	ug/L	94
9) Trichlorofluoromethane	3.175	101	19647	2.697	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	12744	2.604	ug/L	98
12) 1,1-Dichloroethene	3.946	96	11688	2.463	ug/L #	78
13) Acetone	4.022	43	3547m	6.029	ug/L	
14) Carbon disulfide	4.269	76	43317	2.613	ug/L	100
15) Methyl Acetate	4.575	43	3472m	2.723	ug/L	
16) Methylene chloride	4.805	84	30132	4.115	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	13564m	2.549	ug/L	
18) Methyl tert-butyl Ether	5.316	73	20335	2.382	ug/L #	74
19) 1,1-Dichloroethane	6.116	63	20321	2.606	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	13686	2.432	ug/L	88
22) 2-Butanone	7.087	43	3419	4.458	ug/L	90
23) Bromochloromethane	7.434	128	6692	2.564	ug/L	88
25) Chloroform	7.593	83	22558	2.582	ug/L	97
27) 1,2-Dichloroethane	8.328	62	11591	2.570	ug/L	97
29) Cyclohexane	7.881	56	12025	2.146	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	18204	2.628	ug/L	94
31) Carbon tetrachloride	7.987	117	13549	2.438	ug/L	100
33) Benzene	8.252	78	49676	2.509	ug/L	100
34) Trichloroethene	9.028	95	13030	2.545	ug/L	96
35) Methylcyclohexane	9.269	83	17245	2.184	ug/L	98
37) 1,2-Dichloropropane	9.304	63	11423	2.511	ug/L #	89
38) Bromodichloromethane	9.587	83	16198	2.641	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	17177	2.375	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	7391	4.457	ug/L	94
42) Toluene	10.334	91	49739	2.321	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	13391	2.304	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075765.D
 Acq On : 20 Apr 2023 15:31
 Operator : KP/SY
 Sample : VSTD2.529
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5129

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 05:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.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)

45) 1,1,2-Trichloroethane	10.734	97	10312	2.665	ug/L	96
46) Tetrachloroethene	10.810	164	10971	2.612	ug/L	89
48) 2-Hexanone	10.922	43	5115	4.375	ug/L	88
49) Dibromochloromethane	11.075	129	10644	2.527	ug/L	79
50) 1,2-Dibromoethane	11.181	107	8393	2.406	ug/L #	83
51) Chlorobenzene	11.610	112	34555	2.465	ug/L	98
52) Ethylbenzene	11.687	91	51850	2.360	ug/L	92
53) m,p-Xylene	11.798	106	18443	2.108	ug/L	94
54) o-Xylene	12.122	106	18965	2.282	ug/L	85
55) Styrene	12.140	104	31777	2.197	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	10477	2.661	ug/L #	91
59) Bromoform	12.298	173	6131	2.788	ug/L #	96
60) Isopropylbenzene	12.422	105	47202	2.481	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	6302	2.795	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	32025	2.257	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	29883	2.185	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	23949	2.630	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	26529	2.776	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	21855	2.688	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	1231	2.731	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	18748	3.072	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	15387	3.043	ug/L	97
71) Naphthalene	15.328	128	25699	2.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	13820	3.061	ug/L	94

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

