

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024865.D
 Acq On : 12 Oct 2022 11:16
 Operator : SY/VA
 Sample : VSTD02557
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025457

Quant Time: Oct 12 22:47:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022

Supervised By :Mahesh
 Dadoda
 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	422840	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117672	23.589	ug/L	0.00
7) Chloroethane-d5	2.885	69	70234	24.047	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	268032	24.712	ug/L	0.00
21) 2-Butanone-d5	7.074	46	71404	45.175	ug/L	0.00
24) Chloroform-d	7.653	84	279346	23.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	140075	22.441	ug/L	0.00
32) Benzene-d6	8.275	84	581501	24.573	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	176573	24.328	ug/L	0.00
41) Toluene-d8	10.323	98	526016	24.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	67413	24.490	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	58204	47.831	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131345	23.205	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	156686	23.068	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	57831m	30.114	ug/L	
3) Chloromethane	2.221	50	116261	26.387	ug/L	100
5) Vinyl chloride	2.361	62	162976	27.112	ug/L	100
6) Bromomethane	2.776	94	80038	27.414	ug/L	100
8) Chloroethane	2.922	64	68170	27.217	ug/L	100
9) Trichlorofluoromethane	3.257	101	76807	25.831	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	161825	26.730	ug/L	100
12) 1,1-Dichloroethene	4.038	96	153117	26.728	ug/L	100
13) Acetone	4.123	43	49752	45.816	ug/L	100
14) Carbon disulfide	4.385	76	526699	28.148	ug/L	100
15) Methyl Acetate	4.672	43	65570	24.606	ug/L	100
16) Methylene chloride	4.922	84	171905	23.025	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	170358	27.320	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	235708	25.437	ug/L	100
19) 1,1-Dichloroethane	6.214	63	306089	26.532	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	177446	26.346	ug/L	100
22) 2-Butanone	7.171	43	86705	46.990	ug/L	100
23) Bromochloromethane	7.519	128	71381	25.895	ug/L	100
25) Chloroform	7.677	83	296951	26.224	ug/L	100
27) 1,2-Dichloroethane	8.403	62	186949	25.529	ug/L	100
29) Cyclohexane	7.952	56	309821	28.269	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	238856	27.522	ug/L	100
31) Carbon tetrachloride	8.067	117	211145	27.709	ug/L	100
33) Benzene	8.323	78	698470	27.206	ug/L	100
34) Trichloroethene	9.092	95	175941	27.212	ug/L	100
35) Methylcyclohexane	9.335	83	328736	28.251	ug/L	100
37) 1,2-Dichloropropane	9.366	63	172964	27.033	ug/L	100
38) Bromodichloromethane	9.640	83	213102	26.956	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	256126	27.695	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	191308	50.588	ug/L	100
42) Toluene	10.384	91	723294	27.478	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	207488	27.023	ug/L	100

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 Supervised By :Mahesh Dadoda 10/13/2022

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Supervised By :Mahesh
 Dadoda
 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	117324	26.252	ug/L	100
46) Tetrachloroethene	10.860	164	123287	28.044	ug/L	100
48) 2-Hexanone	10.969	43	128233	50.013	ug/L	100
49) Dibromochloromethane	11.128	129	131472	26.574	ug/L	100
50) 1,2-Dibromoethane	11.231	107	111324	26.442	ug/L	100
51) Chlorobenzene	11.658	112	440537	26.628	ug/L	100
52) Ethylbenzene	11.725	91	806971	27.377	ug/L	100
53) m,p-Xylene	11.835	106	309256	27.615	ug/L	100
54) o-Xylene	12.164	106	294938	27.660	ug/L	100
55) Styrene	12.176	104	509138	27.839	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	140806	25.824	ug/L	100
59) Bromoform	12.347	173	63602	25.573	ug/L	100
60) Isopropylbenzene	12.463	105	801616	26.737	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	100548	24.603	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	696745	27.067	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	686780	27.672	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	323804	26.519	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	320044	25.894	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	292966	26.994	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21720	24.549	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	215613	27.046	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	171871	26.572	ug/L	100
71) Naphthalene	15.359	128	370129	26.410	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148319	26.865	ug/L	100

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

Manual Integrations APPROVED

Supervised By :Maresh
Dadoda
10/13/2022

TIC: VW024865.D\data.ms 10/13/2022

Abundance

Time-->

1,1-Dichloroethane, T
Chloromethane, T
Vinyl chloride, S
Bromomethane, T
Chloroethane, S
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
Methyl 1,2-Dichloroethane, T
1,1-Dichloroethane, T
2-Butanone-d5, S
1,2-Dichloroethane, T
Bromochloromethane, T
Chloroform-d3, S
1,1,1-Trichloroethane, T
Cyclohexane, T
Carbon tetrachloride, T
Benzene, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, I
trans-1,2-Dichloropropene, S
1,3-Dichloropropene, T
2-Hexanone, S
1,1,2-Trichloroethane, T
Tetrachloroethene, T
Dibromochloromethane, T
1,2-Dibromodifluoroethane, I
Ethylbenzene, T
m,p-Xylene, T
o-Xylene, T
Styrene, T
Isopropylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2,4-Trichlorobenzene, I
1,2,3-Trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,3,5-Trichlorobenzene
1,2-Dibromo-3-chloropropane, T