

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022380.D
 Acq On : 01 Apr 2022 20:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Apr 02 02:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 02:06:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252245	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	249625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	92433	22.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
7) Chloroethane-d5	2.885	69	60731	24.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.440%
11) 1,1-Dichloroethene-d2	4.032	63	128705	20.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.920%
21) 2-Butanone-d5	7.074	46	49377	48.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.760%
24) Chloroform-d	7.647	84	164439	23.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.305	65	102077	24.544	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.275	84	320836	23.405	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.274	67	97798m	23.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.323	98	319837	24.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.573	79	49711	24.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.921	63	43443	51.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	92032	26.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	105816	23.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	19246	14.497	ug/L	97
3) Chloromethane	2.215	50	63027	20.552	ug/L	100
5) Vinyl chloride	2.361	62	123720	24.693	ug/L	99
6) Bromomethane	2.776	94	58577	22.703	ug/L	91
8) Chloroethane	2.922	64	53232	25.548	ug/L	99
9) Trichlorofluoromethane	3.251	101	34979	23.578	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	74559	21.990	ug/L	95
12) 1,1-Dichloroethene	4.050	96	70013	22.032	ug/L	85
13) Acetone	4.117	43	31847	46.040	ug/L	88
14) Carbon disulfide	4.385	76	228634	22.805	ug/L	95
15) Methyl Acetate	4.672	43	43127	23.901	ug/L	90
16) Methylene chloride	4.916	84	83968	22.230	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	85803	22.796	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	158632	24.180	ug/L #	92
19) 1,1-Dichloroethane	6.220	63	158725	22.964	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	93519	23.330	ug/L	74
22) 2-Butanone	7.171	43	56978	52.221	ug/L	89
23) Bromochloromethane	7.513	128	43554	24.769	ug/L #	65
25) Chloroform	7.677	83	167600	23.754	ug/L	98

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27) 1,2-Dichloroethane	8.397	62	133925	25.280	ug/L	96
29) Cyclohexane	7.952	56	156069	22.965	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	143160	23.263	ug/L #	94
31) Carbon tetrachloride	8.067	117	129658	23.390	ug/L	100
33) Benzene	8.323	78	395819	24.702	ug/L	100
34) Trichloroethene	9.092	95	100809	24.220	ug/L	92
35) Methylcyclohexane	9.335	83	175848	23.999	ug/L	90
37) 1,2-Dichloropropane	9.366	63	97671	24.597	ug/L	98
38) Bromodichloromethane	9.640	83	135515	24.469	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	156511	24.106	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	144744	51.837	ug/L #	90
42) Toluene	10.384	91	444018	24.913	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	150775	25.074	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	75913	25.562	ug/L	92
46) Tetrachloroethene	10.860	164	74049	24.810	ug/L	92
48) 2-Hexanone	10.963	43	104116	52.817	ug/L #	93
49) Dibromochloromethane	11.128	129	90361	24.578	ug/L	97
50) 1,2-Dibromoethane	11.231	107	74133	24.579	ug/L	97
51) Chlorobenzene	11.652	112	270615	24.558	ug/L #	88
52) Ethylbenzene	11.725	91	497568	25.171	ug/L	94
53) m,p-Xylene	11.835	106	187678	24.874	ug/L	89
54) o-Xylene	12.158	106	180204	24.656	ug/L	88
55) Styrene	12.176	104	321661	25.338	ug/L	82
57) 1,1,2,2-Tetrachloroethane	12.713	83	103189	27.133	ug/L #	98
59) Bromoform	12.341	173	53599	26.051	ug/L	99
60) Isopropylbenzene	12.463	105	505599	24.378	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	76054	25.343	ug/L	91
62) 1,3,5-Trimethylbenzene	12.938	105	278984	24.125	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	416360	23.989	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	206096	25.071	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	209420	24.277	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	194007	25.653	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17880	23.120	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	130483	23.436	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	110236	24.149	ug/L	97
71) Naphthalene	15.359	128	258384	24.417	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	96810	24.213	ug/L	97

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

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