

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
 Data File : VW024630.D
 Acq On : 22 Sep 2022 15:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Sep 23 00:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 23 00:42:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 09/26/2022
 Supervised By :Mahesh
 Dadoda
 09/26/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	419273	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	403686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	226295	23.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.879	69	184510	22.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	4.019	63	260206	24.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.080%
21) 2-Butanone-d5	7.086	46	56287	42.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.920%
24) Chloroform-d	7.647	84	276322	23.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.305	65	151254	23.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	8.275	84	548525	24.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.274	67	154703	23.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.323	98	547719	24.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.480%
43) trans-1,3-Dichloroprop...	10.579	79	70550	24.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.927	63	49558	47.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137891	24.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	183396	23.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	40927	21.482	ug/L	91
3) Chloromethane	2.209	50	180670	24.196	ug/L	99
5) Vinyl chloride	2.355	62	268287	25.490	ug/L	96
6) Bromomethane	2.776	94	236542	25.302	ug/L	94
8) Chloroethane	2.916	64	168011	25.841	ug/L	99
9) Trichlorofluoromethane	3.251	101	112744	27.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	148456m	24.863	ug/L	
12) 1,1-Dichloroethene	4.038	96	136100	25.887	ug/L	93
13) Acetone	4.135	43	50239	51.254	ug/L	100
14) Carbon disulfide	4.379	76	434745	26.528	ug/L	99
15) Methyl Acetate	4.678	43	53763	23.531	ug/L	98
16) Methylene chloride	4.909	84	162475	22.901	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	156215	25.650	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	249009	26.191	ug/L	99
19) 1,1-Dichloroethane	6.214	63	264813	26.365	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	162800	26.221	ug/L #	98
22) 2-Butanone	7.177	43	77133	52.151	ug/L	97
23) Bromochloromethane	7.513	128	74386	25.219	ug/L	93
25) Chloroform	7.677	83	289579	26.171	ug/L	91

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27) 1,2-Dichloroethane	8.397	62	190385	25.937	ug/L	99
29) Cyclohexane	7.958	56	250645	27.782	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	249954	26.657	ug/L	99
31) Carbon tetrachloride	8.067	117	236554	26.515	ug/L	97
33) Benzene	8.323	78	654712	27.227	ug/L	100
34) Trichloroethene	9.092	95	171918	26.382	ug/L	94
35) Methylcyclohexane	9.335	83	302359	27.808	ug/L	99
37) 1,2-Dichloropropane	9.366	63	152168	26.942	ug/L	99
38) Bromodichloromethane	9.646	83	215713	26.843	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	241481	27.413	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	171622	52.907	ug/L	98
42) Toluene	10.390	91	750694	27.808	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	215517	27.544	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	125755	26.754	ug/L	96
46) Tetrachloroethene	10.860	164	136762	26.673	ug/L	95
48) 2-Hexanone	10.969	43	122230	54.916	ug/L	99
49) Dibromochloromethane	11.128	129	156314	27.513	ug/L	98
50) 1,2-Dibromoethane	11.231	107	121171	26.421	ug/L	99
51) Chlorobenzene	11.652	112	477122	26.800	ug/L	98
52) Ethylbenzene	11.731	91	837466	28.243	ug/L	97
53) m,p-Xylene	11.835	106	334114	28.374	ug/L	98
54) o-Xylene	12.164	106	315885	28.595	ug/L	98
55) Styrene	12.176	104	544487	28.656	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	146006	25.966	ug/L	96
59) Bromoform	12.347	173	86020	26.561	ug/L	98
60) Isopropylbenzene	12.463	105	847741	27.245	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104001	25.146	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	723627	28.625	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	704496	27.852	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	379433	27.040	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	376052	26.052	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	347741	26.837	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21566	22.393	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	240430	26.065	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	194013	26.289	ug/L	94
71) Naphthalene	15.359	128	389541	26.401	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	169127	25.219	ug/L	95

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

