

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090722\
 Data File : VW024563.D
 Acq On : 07 Sep 2022 09:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Sep 08 01:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	375770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	171924	22.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.873	69	140844	24.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.680%
11) 1,1-Dichloroethene-d2	4.013	63	205385	25.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.360%
21) 2-Butanone-d5	7.074	46	48084	38.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
24) Chloroform-d	7.647	84	227981	23.821	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	120473	22.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	8.268	84	447029	24.666	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	9.268	67	123157	23.048	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.317	98	427070	24.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.579	79	57355	23.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.800%
47) 2-Hexanone-d5	10.920	63	41892	42.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112340	21.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	149976	23.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	41178	22.881	ug/L	97
3) Chloromethane	2.215	50	126176	22.543	ug/L	99
5) Vinyl chloride	2.355	62	207520	21.992	ug/L	99
6) Bromomethane	2.769	94	146427	23.804	ug/L	87
8) Chloroethane	2.910	64	122504	23.863	ug/L	95
9) Trichlorofluoromethane	3.245	101	85892	15.745	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	127605	25.388	ug/L #	89
12) 1,1-Dichloroethene	4.031	96	108154	25.175	ug/L	97
13) Acetone	4.117	43	44014	41.333	ug/L	96
14) Carbon disulfide	4.379	76	280333	24.662	ug/L	99
15) Methyl Acetate	4.672	43	47046	20.903	ug/L	98
16) Methylene chloride	4.915	84	119282	21.273	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	122966	24.988	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	206619	23.576	ug/L	99
19) 1,1-Dichloroethane	6.214	63	221660	24.757	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	135382m	24.519	ug/L	
22) 2-Butanone	7.171	43	68125	39.551	ug/L	97
23) Bromochloromethane	7.512	128	59658	23.600	ug/L	98
25) Chloroform	7.671	83	245709	24.705	ug/L	97

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27) 1,2-Dichloroethane	8.396	62	161199	24.113	ug/L	99
29) Cyclohexane	7.951	56	187653	26.308	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	203260	25.155	ug/L	99
31) Carbon tetrachloride	8.067	117	188603	25.556	ug/L	98
33) Benzene	8.317	78	526763	25.190	ug/L	100
34) Trichloroethene	9.091	95	137701	25.213	ug/L	92
35) Methylcyclohexane	9.329	83	229459	26.260	ug/L	99
37) 1,2-Dichloropropane	9.366	63	129168	24.732	ug/L	99
38) Bromodichloromethane	9.640	83	180826	24.497	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	198488	25.993	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	152819	44.357	ug/L	99
42) Toluene	10.384	91	599981	26.025	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	179249	24.851	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	105256	24.114	ug/L	96
46) Tetrachloroethene	10.859	164	104143	25.879	ug/L	97
48) 2-Hexanone	10.963	43	105135	44.500	ug/L	97
49) Dibromochloromethane	11.128	129	129649	25.408	ug/L	100
50) 1,2-Dibromoethane	11.231	107	99627	23.517	ug/L #	98
51) Chlorobenzene	11.658	112	405233	25.443	ug/L	99
52) Ethylbenzene	11.731	91	686837	26.240	ug/L	94
53) m,p-Xylene	11.835	106	276641	27.052	ug/L	97
54) o-Xylene	12.164	106	268240	27.550	ug/L	98
55) Styrene	12.176	104	457038	26.668	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	128960	23.337	ug/L	99
59) Bromoform	12.347	173	66012	22.787	ug/L	97
60) Isopropylbenzene	12.463	105	733428	27.179	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91613	22.218	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	615709	27.477	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	607330	27.232	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	317107	26.080	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	330131	25.759	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	290042	25.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18914	19.387	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	197698	25.033	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	161505	25.772	ug/L	98
71) Naphthalene	15.359	128	346764	25.011	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150053	25.738	ug/L	95

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

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