

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024280.D
 Acq On : 18 Aug 2022 17:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Aug 18 21:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	232529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	103742	21.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.873	69	77204	25.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	4.013	63	126339	22.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.240%
21) 2-Butanone-d5	7.074	46	56853	62.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.740%
24) Chloroform-d	7.647	84	183899	26.138	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	8.299	65	105965	27.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.269	84	324411	22.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	9.274	67	102889	24.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.317	98	298677	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.573	79	44068	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.921	63	47035	61.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112556	27.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	118977	23.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	54564	26.672	ug/L	98
3) Chloromethane	2.215	50	89744	23.391	ug/L	98
5) Vinyl chloride	2.349	62	142490	26.679	ug/L	100
6) Bromomethane	2.763	94	82914	27.076	ug/L	98
8) Chloroethane	2.910	64	69104	29.538	ug/L	99
9) Trichlorofluoromethane	3.245	101	42695	16.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	93915	27.504	ug/L	97
12) 1,1-Dichloroethene	4.025	96	74112	26.511	ug/L	95
13) Acetone	4.117	43	41002m	61.587	ug/L	
14) Carbon disulfide	4.379	76	196097	21.921	ug/L	97
15) Methyl Acetate	4.672	43	47379	31.596	ug/L	97
16) Methylene chloride	4.909	84	108718	26.513	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	86464	26.783	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	161642	35.114	ug/L	99
19) 1,1-Dichloroethane	6.214	63	164644	28.952	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	103063	29.069	ug/L #	99
22) 2-Butanone	7.171	43	69035	61.537	ug/L	100
23) Bromochloromethane	7.513	128	52489	29.728	ug/L	96
25) Chloroform	7.671	83	194115	30.977	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	133782	31.727	ug/L	99
29) Cyclohexane	7.952	56	119997	24.465	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	148874	27.594	ug/L	99
31) Carbon tetrachloride	8.067	117	132833	26.097	ug/L	96
33) Benzene	8.317	78	382488	27.069	ug/L	100
34) Trichloroethene	9.092	95	99432	26.623	ug/L	97
35) Methylcyclohexane	9.329	83	145971	24.924	ug/L	99
37) 1,2-Dichloropropane	9.366	63	100522	28.779	ug/L	100
38) Bromodichloromethane	9.640	83	142796	29.148	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	146717	28.551	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152999	66.000	ug/L	99
42) Toluene	10.384	91	426453	28.401	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	142587	30.367	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	89362	30.354	ug/L	97
46) Tetrachloroethene	10.860	164	79676	26.351	ug/L	96
48) 2-Hexanone	10.969	43	107833	68.543	ug/L	99
49) Dibromochloromethane	11.128	129	104247	29.413	ug/L	98
50) 1,2-Dibromoethane	11.231	107	84549	29.975	ug/L	96
51) Chlorobenzene	11.658	112	284407	27.723	ug/L	94
52) Ethylbenzene	11.725	91	462919	28.139	ug/L	99
53) m,p-Xylene	11.835	106	183222	28.612	ug/L	87
54) o-Xylene	12.164	106	177056	29.267	ug/L	95
55) Styrene	12.176	104	326950	31.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116303	31.610	ug/L	98
59) Bromoform	12.347	173	62938	29.299	ug/L	98
60) Isopropylbenzene	12.463	105	481681	28.253	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	83210	29.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	406392	28.845	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	409102	29.484	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	229555	27.497	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	236379	26.739	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	224049	28.261	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18786	28.688	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	155328	28.374	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	130288	29.719	ug/L	99
71) Naphthalene	15.359	128	274520	32.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	119545	29.951	ug/L	97

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

Manual Integrations

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