

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081622\
 Data File : VW024262.D
 Acq On : 16 Aug 2022 18:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Aug 17 01:04:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 17 01:00:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/17/2022
 Supervised By :Semsettin Yesilyurt 08/17/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	255136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	249266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146991	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	95312	17.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.480%
7) Chloroethane-d5	2.873	69	66923	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
11) 1,1-Dichloroethene-d2	4.013	63	125513	20.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	7.074	46	62490	62.983	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.960%
24) Chloroform-d	7.647	84	180987	23.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	8.305	65	99835	23.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.160%
32) Benzene-d6	8.269	84	311393	21.182	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.720%
36) 1,2-Dichloropropane-d6	9.275	67	98351	22.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.323	98	285209	20.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.040%
43) trans-1,3-Dichloroprop...	10.579	79	41560	21.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.440%
47) 2-Hexanone-d5	10.921	63	48379	60.345	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	113667	26.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	116213	21.605	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	55750	24.837	ug/L	97
3) Chloromethane	2.215	50	88270	20.968	ug/L	97
5) Vinyl chloride	2.349	62	145961	24.907	ug/L	96
6) Bromomethane	2.770	94	81384	24.221	ug/L	97
8) Chloroethane	2.910	64	65978	25.703	ug/L	97
9) Trichlorofluoromethane	3.245	101	48721	17.538	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	95791	25.567	ug/L	95
12) 1,1-Dichloroethene	4.032	96	77757	25.351	ug/L	94
13) Acetone	4.123	43	40268m	55.125	ug/L	
14) Carbon disulfide	4.373	76	201585	20.538	ug/L	99
15) Methyl Acetate	4.666	43	44302	26.926	ug/L	96
16) Methylene chloride	4.910	84	101262	22.507	ug/L	93
17) trans-1,2-Dichloroethene	5.416	96	86290	24.361	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	155146	30.716	ug/L	99
19) 1,1-Dichloroethane	6.208	63	164700	26.396	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	103997	26.734	ug/L #	90
22) 2-Butanone	7.171	43	66119	53.715	ug/L	96
23) Bromochloromethane	7.513	128	50152	25.887	ug/L	96
25) Chloroform	7.671	83	190347	27.684	ug/L	97

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27) 1,2-Dichloroethane	8.397	62	131214	28.361	ug/L	97
29) Cyclohexane	7.952	56	129667	25.373	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	149005	26.507	ug/L	99
31) Carbon tetrachloride	8.068	117	133106	25.099	ug/L	100
33) Benzene	8.317	78	384345	26.107	ug/L	100
34) Trichloroethene	9.092	95	101121	25.986	ug/L	96
35) Methylcyclohexane	9.336	83	159182	26.086	ug/L	98
37) 1,2-Dichloropropane	9.366	63	98082	26.951	ug/L	98
38) Bromodichloromethane	9.646	83	139798	27.388	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	148387	27.715	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	142466	58.985	ug/L	99
42) Toluene	10.384	91	415561	26.563	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	135551	27.708	ug/L	95
45) 1,1,2-Trichloroethane	10.787	97	84924	27.686	ug/L	98
46) Tetrachloroethene	10.860	164	81052	25.728	ug/L	97
48) 2-Hexanone	10.963	43	102657	62.629	ug/L	98
49) Dibromochloromethane	11.128	129	102269	27.695	ug/L	93
50) 1,2-Dibromoethane	11.232	107	79928	27.197	ug/L	93
51) Chlorobenzene	11.652	112	281521	26.338	ug/L	98
52) Ethylbenzene	11.731	91	473116	27.602	ug/L	99
53) m,p-Xylene	11.835	106	182722	27.386	ug/L	92
54) o-Xylene	12.164	106	176653	28.026	ug/L	98
55) Styrene	12.177	104	320329	29.220	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	108567	28.321	ug/L	96
59) Bromoform	12.347	173	59018	26.323	ug/L	100
60) Isopropylbenzene	12.463	105	487431	27.393	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78600	26.869	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	410578	27.921	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	402336	27.782	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	231511	26.569	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	237624	25.754	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	214079	25.872	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	17285	25.290	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	155908	27.287	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	114457	25.014	ug/L	92
71) Naphthalene	15.365	128	249818	28.030	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	109166	26.205	ug/L	97

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

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