

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024520.D
 Acq On : 31 Aug 2022 17:43
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Semsettin Yesilyurt 09/01/2022

Quant Time: Sep 01 03:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296226	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	298897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	161016	19.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.873	69	132154	21.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.007	63	150627	21.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	7.080	46	88277m	58.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.380%
24) Chloroform-d	7.641	84	251869	26.447	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.299	65	142902	24.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.960%
32) Benzene-d6	8.275	84	407184	23.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.268	67	138857	26.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.317	98	356156	21.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.480%
43) trans-1,3-Dichloroprop...	10.579	79	63456	25.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.921	63	75482	63.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168279	27.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.640%
66) 1,2-Dichlorobenzene-d4	13.847	152	170486	28.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39251	13.229	ug/L	95
3) Chloromethane	2.209	50	132921	23.979	ug/L	97
5) Vinyl chloride	2.349	62	227643	23.492	ug/L	100
6) Bromomethane	2.763	94	130908	19.246	ug/L	92
8) Chloroethane	2.910	64	116805	23.075	ug/L	98
9) Trichlorofluoromethane	3.245	101	91137	20.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	103531	23.688	ug/L	96
12) 1,1-Dichloroethene	4.031	96	92138	26.040	ug/L	96
13) Acetone	4.123	43	35242	39.264	ug/L	84
14) Carbon disulfide	4.379	76	261473	22.235	ug/L	96
15) Methyl Acetate	4.672	43	46596m	21.221	ug/L	
16) Methylene chloride	4.909	84	113364	22.818	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	104531	24.959	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	186521	27.199	ug/L	96
19) 1,1-Dichloroethane	6.208	63	190145	24.009	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	118683m	25.769	ug/L	
22) 2-Butanone	7.171	43	65098	40.651	ug/L	98
23) Bromochloromethane	7.506	128	31370	13.949	ug/L	92
25) Chloroform	7.671	83	214411	24.401	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146838	22.958	ug/L	99
29) Cyclohexane	7.952	56	163332	25.347	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	168004	23.841	ug/L	97
31) Carbon tetrachloride	8.061	117	151357	23.478	ug/L	99
33) Benzene	8.317	78	463338	24.898	ug/L	100
34) Trichloroethene	9.085	95	117388	23.934	ug/L	93
35) Methylcyclohexane	9.329	83	192767	24.496	ug/L	98
37) 1,2-Dichloropropane	9.366	63	114569	23.856	ug/L #	97
38) Bromodichloromethane	9.640	83	158489	24.233	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	174102	25.934	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	153896	45.065	ug/L	95
42) Toluene	10.384	91	519884	25.314	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	158349	24.275	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	94740	24.191	ug/L	94
46) Tetrachloroethene	10.860	164	85449	22.432	ug/L	92
48) 2-Hexanone	10.969	43	114594	45.493	ug/L	98
49) Dibromochloromethane	11.128	129	111118	23.989	ug/L	98
50) 1,2-Dibromoethane	11.231	107	92030	24.443	ug/L	96
51) Chlorobenzene	11.652	112	335900	24.368	ug/L	99
52) Ethylbenzene	11.725	91	581053	25.591	ug/L	99
53) m,p-Xylene	11.835	106	231401	25.951	ug/L	97
54) o-Xylene	12.164	106	220025	26.395	ug/L	100
55) Styrene	12.176	104	390258	26.485	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	124950	22.858	ug/L	95
59) Bromoform	12.347	173	63361	24.833	ug/L	94
60) Isopropylbenzene	12.463	105	590602	27.968	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86548	24.072	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	507796	29.823	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	496219	30.003	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	261235	25.874	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	270084	25.338	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	242183	25.590	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19450	21.532	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	162770	24.978	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	126803	25.031	ug/L	95
71) Naphthalene	15.365	128	306615	27.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	119878	25.039	ug/L	99

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

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