

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021920.D
 Acq On : 14 Jan 2022 18:04
 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: Jan 17 00:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 00:44:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	140991	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	140861	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	58122	22.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.720%
7) Chloroethane-d5	2.873	69	43282	18.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
11) 1,1-Dichloroethene-d2	4.013	63	88386	21.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.440%
21) 2-Butanone-d5	7.080	46	24022	64.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.900%
24) Chloroform-d	7.647	84	106885	23.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	8.305	65	53512	24.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.269	84	209638	22.936	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	9.268	67	56910	23.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.323	98	210244	22.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	10.573	79	25874	25.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.200%
47) 2-Hexanone-d5	10.921	63	22417	68.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.160%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	51363	27.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	83632	23.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	20671	37.190	ug/L	98
3) Chloromethane	2.209	50	41012	20.351	ug/L	98
5) Vinyl chloride	2.355	62	59169	20.438	ug/L	95
6) Bromomethane	2.770	94	43052	21.032	ug/L	96
8) Chloroethane	2.910	64	30695	17.544	ug/L	95
9) Trichlorofluoromethane	3.251	101	37284	17.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49879	21.300	ug/L	91
12) 1,1-Dichloroethene	4.038	96	44827	21.301	ug/L	74
13) Acetone	4.135	43	15196m	49.727	ug/L	
14) Carbon disulfide	4.379	76	107944	19.592	ug/L	99
15) Methyl Acetate	4.672	43	15846	25.656	ug/L	# 83
16) Methylene chloride	4.909	84	43988	18.230	ug/L	79
17) trans-1,2-Dichloroethene	5.415	96	48734	21.431	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	66898	23.069	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	75079	22.513	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	52175	22.303	ug/L	70
22) 2-Butanone	7.177	43	21696	55.544	ug/L	80
23) Bromochloromethane	7.507	128	25975	22.315	ug/L	# 63
25) Chloroform	7.677	83	85914	21.773	ug/L	100

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27) 1,2-Dichloroethane	8.397	62	51308	22.454	ug/L #	90
29) Cyclohexane	7.952	56	69096	21.927	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	76836	21.044	ug/L #	92
31) Carbon tetrachloride	8.067	117	74058	20.931	ug/L	98
33) Benzene	8.323	78	185481	21.474	ug/L	100
34) Trichloroethene	9.086	95	52943	21.127	ug/L	95
35) Methylcyclohexane	9.335	83	88264	21.419	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	41379	21.990	ug/L #	95
38) Bromodichloromethane	9.646	83	58398	22.232	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	69552	23.788	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	47791	54.067	ug/L #	85
42) Toluene	10.384	91	213960	22.086	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	59178	24.182	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	36458	22.821	ug/L	94
46) Tetrachloroethene	10.860	164	51936	20.959	ug/L	96
48) 2-Hexanone	10.963	43	35084	58.010	ug/L #	88
49) Dibromochloromethane	11.128	129	46884	23.290	ug/L	91
50) 1,2-Dibromoethane	11.231	107	38267	24.131	ug/L #	88
51) Chlorobenzene	11.652	112	149334	21.833	ug/L	88
52) Ethylbenzene	11.725	91	235435	21.877	ug/L	100
53) m,p-Xylene	11.835	106	100541	22.343	ug/L	89
54) o-Xylene	12.164	106	92653	22.178	ug/L	92
55) Styrene	12.176	104	157365	22.816	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	41886	24.368	ug/L #	97
59) Bromoform	12.347	173	26859	22.705	ug/L #	93
60) Isopropylbenzene	12.463	105	261705	22.150	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	30665	24.731	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	217824	22.263	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	218696	22.664	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	126793	21.344	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	124363	21.203	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	110472	21.240	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	6125	25.579	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	95200	21.562	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	74163	21.081	ug/L	97
71) Naphthalene	15.365	128	134028	24.697	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	63222	21.761	ug/L	99

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

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