

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021801.D
 Acq On : 08 Jan 2022 02:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Jan 08 02:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	123007	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	124749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73614	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49688	20.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.885	69	40112	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
11) 1,1-Dichloroethene-d2	4.019	63	84738	23.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.520%
21) 2-Butanone-d5	7.092	46	21617m	60.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.840%
24) Chloroform-d	7.653	84	103195	26.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.440%
26) 1,2-Dichloroethane-d4	8.305	65	51982	25.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.480%
32) Benzene-d6	8.275	84	195187	26.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	9.274	67	53496	26.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.480%
41) Toluene-d8	10.323	98	193859	26.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.080%
43) trans-1,3-Dichloroprop...	10.579	79	22758	23.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.120%
47) 2-Hexanone-d5	10.921	63	19387	63.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	49962	30.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	77966	27.696	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11327	15.530	ug/L	98
3) Chloromethane	2.215	50	42328	22.468	ug/L	99
5) Vinyl chloride	2.361	62	61112	21.994	ug/L	97
6) Bromomethane	2.782	94	43392	24.001	ug/L	97
8) Chloroethane	2.922	64	30085	22.723	ug/L	99
9) Trichlorofluoromethane	3.263	101	41251	24.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	51612	25.349	ug/L	90
12) 1,1-Dichloroethene	4.044	96	46781	25.690	ug/L	72
13) Acetone	4.147	43	13149	43.645	ug/L	85
14) Carbon disulfide	4.385	76	118641	22.514	ug/L	97
15) Methyl Acetate	4.684	43	15394	26.780	ug/L #	84
16) Methylene chloride	4.916	84	47989	21.854	ug/L	76
17) trans-1,2-Dichloroethene	5.428	96	50976	26.499	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	72145	26.933	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	75101	25.023	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	53274	26.679	ug/L	67
22) 2-Butanone	7.183	43	20823	50.841	ug/L	81
23) Bromochloromethane	7.519	128	26655	27.614	ug/L #	58
25) Chloroform	7.683	83	87946	25.403	ug/L	99

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27) 1,2-Dichloroethane	8.403	62	54199	24.136	ug/L #	91
29) Cyclohexane	7.958	56	71087	24.641	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	79860	24.263	ug/L #	92
31) Carbon tetrachloride	8.073	117	76574	23.924	ug/L	98
33) Benzene	8.323	78	189036	24.835	ug/L	100
34) Trichloroethene	9.092	95	54230	25.098	ug/L	91
35) Methylcyclohexane	9.335	83	92139	25.845	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	42070	24.939	ug/L #	95
38) Bromodichloromethane	9.646	83	59713	23.192	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	67203	24.383	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	46336	49.864	ug/L #	84
42) Toluene	10.390	91	216499	24.640	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	58018	23.429	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	38929	27.784	ug/L	92
46) Tetrachloroethene	10.866	164	51786	25.593	ug/L	95
48) 2-Hexanone	10.969	43	32518	51.528	ug/L #	88
49) Dibromochloromethane	11.128	129	48398	25.709	ug/L	98
50) 1,2-Dibromoethane	11.238	107	38455	27.327	ug/L #	97
51) Chlorobenzene	11.658	112	150591	26.563	ug/L #	88
52) Ethylbenzene	11.731	91	240792	24.414	ug/L	96
53) m,p-Xylene	11.835	106	100909	25.534	ug/L	86
54) o-Xylene	12.164	106	96664	25.807	ug/L	86
55) Styrene	12.182	104	157702	24.515	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	42813	27.623	ug/L #	94
59) Bromoform	12.347	173	27631	25.719	ug/L #	94
60) Isopropylbenzene	12.463	105	262220	25.553	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	31157	27.659	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.938	105	219574	25.309	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	217739	25.267	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	125262	25.854	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	126033	26.088	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	113981	26.946	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6273	25.290	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.621	180	93094	26.156	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	73065	25.718	ug/L	97
71) Naphthalene	15.359	128	137498	29.746	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	65847	27.534	ug/L	97

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

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