

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022366.D
 Acq On : 01 Apr 2022 14:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 02 01:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 01:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	308264	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	303532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	159963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108763	21.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
7) Chloroethane-d5	2.885	69	66176	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.031	63	168202	22.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.760%
21) 2-Butanone-d5	7.080	46	63929	51.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.580%
24) Chloroform-d	7.647	84	201372	23.428	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.305	65	123781	24.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	8.275	84	392695	23.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	9.274	67	119181	23.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.323	98	384080	24.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.573	79	61703	24.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.920	63	53011	51.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106352	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	123321	23.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39543	24.374	ug/L	96
3) Chloromethane	2.215	50	86567	23.098	ug/L	98
5) Vinyl chloride	2.361	62	138813	22.671	ug/L	100
6) Bromomethane	2.776	94	74349	23.579	ug/L	91
8) Chloroethane	2.922	64	57599	22.620	ug/L	99
9) Trichlorofluoromethane	3.257	101	42874	23.648	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	93612	22.592	ug/L	95
12) 1,1-Dichloroethene	4.044	96	89363	23.010	ug/L	75
13) Acetone	4.123	43	39681	46.941	ug/L	87
14) Carbon disulfide	4.391	76	287801	23.490	ug/L	99
15) Methyl Acetate	4.672	43	53931	24.457	ug/L	89
16) Methylene chloride	4.922	84	99911	21.644	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	105075	22.843	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	188575	23.520	ug/L	# 92
19) 1,1-Dichloroethane	6.220	63	193107	22.861	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	113123m	23.092	ug/L	
22) 2-Butanone	7.171	43	66430	49.820	ug/L	88
23) Bromochloromethane	7.513	128	49593	23.078	ug/L	# 57
25) Chloroform	7.677	83	197552	22.911	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	154741	23.901	ug/L	97
29) Cyclohexane	7.958	56	183983	22.265	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	170074	22.728	ug/L	93
31) Carbon tetrachloride	8.073	117	150618	22.346	ug/L	98
33) Benzene	8.323	78	449261	23.058	ug/L	100
34) Trichloroethene	9.091	95	115703	22.862	ug/L	92
35) Methylcyclohexane	9.335	83	200450	22.498	ug/L	90
37) 1,2-Dichloropropane	9.366	63	112163	23.230	ug/L	97
38) Bromodichloromethane	9.646	83	156069	23.176	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	181533	22.994	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	166355	48.996	ug/L #	92
42) Toluene	10.384	91	499647	23.056	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	172706	23.620	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85540	23.688	ug/L	92
46) Tetrachloroethene	10.866	164	82064	22.612	ug/L	92
48) 2-Hexanone	10.963	43	116682	48.679	ug/L #	94
49) Dibromochloromethane	11.128	129	102916	23.021	ug/L	97
50) 1,2-Dibromoethane	11.231	107	86148	23.490	ug/L	98
51) Chlorobenzene	11.652	112	304617	22.734	ug/L	90
52) Ethylbenzene	11.731	91	561518	23.361	ug/L	98
53) m,p-Xylene	11.835	106	215477	23.487	ug/L	92
54) o-Xylene	12.164	106	205404	23.112	ug/L	83
55) Styrene	12.176	104	354187	22.945	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.713	83	110967	23.996	ug/L	95
59) Bromoform	12.347	173	60000	25.173	ug/L #	99
60) Isopropylbenzene	12.463	105	556978	23.181	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	82811	23.820	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	314038	23.442	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	475058	23.627	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	233408	24.510	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	241452	24.162	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	212803	24.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20844	23.266	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	154868	24.011	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	128828	24.362	ug/L	96
71) Naphthalene	15.359	128	314153	25.626	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116318	25.113	ug/L	97

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

