

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023647.D
 Acq On : 13 Jul 2022 14:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 01:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	214211	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	220504	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	172205	31.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.920%
7) Chloroethane-d5	2.879	69	111625	30.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.320%
11) 1,1-Dichloroethene-d2	4.019	63	121854	27.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.400%
21) 2-Butanone-d5	7.080	46	43082	50.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.540%
24) Chloroform-d	7.647	84	166851	26.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	8.305	65	102314	26.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.280%
32) Benzene-d6	8.275	84	327997	28.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.440%
36) 1,2-Dichloropropane-d6	9.275	67	94264	27.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	10.323	98	334350	28.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.040%
43) trans-1,3-Dichloroprop...	10.579	79	45804	28.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.200%
47) 2-Hexanone-d5	10.921	63	39844	54.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	103196	27.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	123731	26.876	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45524	31.273	ug/L	99
3) Chloromethane	2.215	50	87941	24.669	ug/L	99
5) Vinyl chloride	2.355	62	153968	25.152	ug/L	97
6) Bromomethane	2.770	94	90344	22.817	ug/L	94
8) Chloroethane	2.916	64	73906	25.807	ug/L	99
9) Trichlorofluoromethane	3.245	101	57558	20.685	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	66147m	24.291	ug/L	
12) 1,1-Dichloroethene	4.038	96	53908	23.741	ug/L	91
13) Acetone	4.123	43	24240	40.401	ug/L	96
14) Carbon disulfide	4.385	76	148861	22.286	ug/L	99
15) Methyl Acetate	4.672	43	29691	22.111	ug/L	98
16) Methylene chloride	4.916	84	67352	20.107	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	62628	22.732	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	104931	24.618	ug/L	98
19) 1,1-Dichloroethane	6.214	63	122505	24.106	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	75001	24.573	ug/L #	97
22) 2-Butanone	7.171	43	45971	46.623	ug/L	100
23) Bromochloromethane	7.513	128	35181	23.994	ug/L	93
25) Chloroform	7.677	83	141168	24.112	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	105042	24.378	ug/L	98
29) Cyclohexane	7.952	56	96494	23.927	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	114576	23.998	ug/L	99
31) Carbon tetrachloride	8.068	117	104185	24.207	ug/L	99
33) Benzene	8.324	78	304006	24.261	ug/L	100
34) Trichloroethene	9.092	95	76947	23.254	ug/L	89
35) Methylcyclohexane	9.336	83	120884	23.991	ug/L	99
37) 1,2-Dichloropropane	9.366	63	76828	24.456	ug/L	98
38) Bromodichloromethane	9.646	83	110553	25.215	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	118439	25.014	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	109373	50.032	ug/L	99
42) Toluene	10.384	91	354359	24.797	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	114343	25.407	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	65676	23.909	ug/L	94
46) Tetrachloroethene	10.860	164	60962	23.827	ug/L	89
48) 2-Hexanone	10.969	43	79039	49.660	ug/L	98
49) Dibromochloromethane	11.128	129	75921	23.833	ug/L	82
50) 1,2-Dibromoethane	11.232	107	64801	24.555	ug/L	96
51) Chlorobenzene	11.652	112	234021	24.281	ug/L	98
52) Ethylbenzene	11.731	91	409702	25.229	ug/L	97
53) m,p-Xylene	11.835	106	158136	24.959	ug/L	97
54) o-Xylene	12.164	106	155409	25.541	ug/L	89
55) Styrene	12.177	104	285873	26.594	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	93839	25.045	ug/L	93
59) Bromoform	12.347	173	44169	23.227	ug/L	99
60) Isopropylbenzene	12.463	105	440758	25.443	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66924	23.667	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	362755	25.577	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	372460	26.266	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	186189	23.672	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	200378	23.946	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	184220	24.834	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16022	24.566	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	125416	24.090	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	98175	24.421	ug/L	100
71) Naphthalene	15.365	128	228830	26.536	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	92857	24.782	ug/L	98

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

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