

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080922\
 Data File : VW024215.D
 Acq On : 09 Aug 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 02:20:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	295323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	294541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	144415	23.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
7) Chloroethane-d5	2.873	69	93850	24.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	4.007	63	156321	22.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	7.080	46	67230	58.540	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.080%
24) Chloroform-d	7.647	84	214187	23.970	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	8.305	65	117278	23.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.269	84	400702	23.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	9.275	67	119994	23.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.323	98	377660	23.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	10.579	79	53475	23.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.200%
47) 2-Hexanone-d5	10.927	63	58246	61.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.960%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	130310	26.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	148360	23.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	86009	33.103	ug/L	97
3) Chloromethane	2.209	50	135517	27.811	ug/L	99
5) Vinyl chloride	2.343	62	181894	26.815	ug/L	99
6) Bromomethane	2.764	94	80918	20.805	ug/L	94
8) Chloroethane	2.910	64	80023	26.932	ug/L	94
9) Trichlorofluoromethane	3.245	101	62581	19.462	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	109008	25.136	ug/L	96
12) 1,1-Dichloroethene	4.025	96	89222	25.130	ug/L	94
13) Acetone	4.129	43	42051m	49.733	ug/L	
14) Carbon disulfide	4.373	76	274318	24.145	ug/L	98
15) Methyl Acetate	4.672	43	49689	26.090	ug/L	97
16) Methylene chloride	4.903	84	134884	25.900	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	98966	24.137	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	151417	25.899	ug/L	99
19) 1,1-Dichloroethane	6.208	63	173796	24.063	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	115577	25.668	ug/L #	96
22) 2-Butanone	7.171	43	74420	52.232	ug/L	99
23) Bromochloromethane	7.507	128	57633	25.701	ug/L	97
25) Chloroform	7.677	83	209327	26.302	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	138326	25.830	ug/L	96
29) Cyclohexane	7.952	56	152871	25.316	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	164327	24.739	ug/L	100
31) Carbon tetrachloride	8.067	117	157277	25.098	ug/L	98
33) Benzene	8.317	78	438954	25.233	ug/L	100
34) Trichloroethene	9.086	95	114236	24.844	ug/L	90
35) Methylcyclohexane	9.335	83	185427	25.716	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107945	25.102	ug/L	98
38) Bromodichloromethane	9.646	83	153539	25.457	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	166970	26.392	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	162713	57.013	ug/L	98
42) Toluene	10.384	91	473024	25.588	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	151976	26.290	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	92610	25.551	ug/L	95
46) Tetrachloroethene	10.860	164	93853	25.213	ug/L	93
48) 2-Hexanone	10.969	43	116953	60.383	ug/L	98
49) Dibromochloromethane	11.128	129	114036	26.134	ug/L	92
50) 1,2-Dibromoethane	11.238	107	90865	26.166	ug/L	99
51) Chlorobenzene	11.652	112	314976	24.938	ug/L	95
52) Ethylbenzene	11.731	91	521245	25.736	ug/L	99
53) m,p-Xylene	11.835	106	210826	26.741	ug/L	90
54) o-Xylene	12.164	106	199239	26.750	ug/L	94
55) Styrene	12.176	104	359731	27.770	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	120852	26.679	ug/L	98
59) Bromoform	12.347	173	66878	24.947	ug/L	97
60) Isopropylbenzene	12.463	105	541967	25.473	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86750	24.802	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	465625	26.483	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	456791	26.380	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	265323	25.466	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	269488	24.427	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	240214	24.280	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	20641	25.258	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	184473	27.002	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	150206	27.454	ug/L	98
71) Naphthalene	15.359	128	312837	29.356	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	136078	27.319	ug/L	98

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

Manual Integrations

Reviewed By :Semsettin Yesilyurt 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

Abundance

TIC: VW024215.D\data.ms

Time-->

Chloromethane, T

Vinyl Chloride, T

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Acetone, T

1,1-Dichloroethane, T

Carbon disulfide, T

Methyl Acetate, T

Methylene chloride, T

Methyl 2,2-Dichloroacetate, T

1,1-Dichloroethane, T

2-Butanone-d5, S

2-Ethyl-2-chloroethane, T

Bromoethane, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichloropropane, T

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, I

Toluene, T

trans-1,3-Dichloropropene, T

1,1,2-Trichloroethane, T

1,1,2-Trichloroethane, T

2-Hexanone, S

Dibromochloromethane, T

1,2-Dibromoethane, I

Chlorobenzene, T

Ethylbenzene, T

m,p-Xylene, T

o-Xylene, T

Bromoform, T

Isopropylbenzene

1,2,3-Trichloropropane, T

1,2,3-Trichloroethane, T

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene, T

1,2-Dichlorobenzene, T

1,2-Dichlorobenzene-d4, S

1,2-Dibromo-3-chloropropane, T

1,3,5-Trichlorobenzene

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T