

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072922\
 Data File : VW024133.D
 Acq On : 29 Jul 2022 17:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025028

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Jul 30 00:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 30 00:12:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	239156	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	118342	23.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
7) Chloroethane-d5	2.831	69	92627	26.742	ug/L	-0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.960%
11) 1,1-Dichloroethene-d2	4.007	63	115555	25.600	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.400%
21) 2-Butanone-d5	7.074	46	45290	49.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
24) Chloroform-d	7.641	84	165913	25.234	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	94576	25.037	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.160%
32) Benzene-d6	8.269	84	303651	26.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.268	67	91262	25.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.600%
41) Toluene-d8	10.323	98	303509	26.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.560%
43) trans-1,3-Dichloroprop...	10.573	79	40889	25.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.640%
47) 2-Hexanone-d5	10.921	63	40097	53.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106413	25.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	125508	24.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.995	85	43148	24.429	ug/L	96
3) Chloromethane	2.209	50	98872	21.561	ug/L	99
5) Vinyl chloride	2.349	62	160485	22.454	ug/L	95
6) Bromomethane	2.715	94	80252m	20.325	ug/L	
8) Chloroethane	2.873	64	83587	26.585	ug/L	96
9) Trichlorofluoromethane	3.227	101	82998	24.945	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	82343	26.722	ug/L #	73
12) 1,1-Dichloroethene	4.025	96	65492	25.929	ug/L	79
13) Acetone	4.123	43	30793	47.630	ug/L	97
14) Carbon disulfide	4.367	76	180577	23.277	ug/L	96
15) Methyl Acetate	4.666	43	37387	23.973	ug/L	99
16) Methylene chloride	4.903	84	103537	28.444	ug/L	95
17) trans-1,2-Dichloroethene	5.409	96	79669	25.780	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	119830	26.159	ug/L #	89
19) 1,1-Dichloroethane	6.202	63	150382	25.762	ug/L	95
20) cis-1,2-Dichloroethene	7.159	96	91178m	26.868	ug/L	
22) 2-Butanone	7.165	43	55897	53.867	ug/L	96
23) Bromochloromethane	7.507	128	44421	25.436	ug/L	94
25) Chloroform	7.671	83	178543	26.434	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120402	25.029	ug/L	99
29) Cyclohexane	7.952	56	121519	26.893	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	144225	26.310	ug/L	99
31) Carbon tetrachloride	8.061	117	133127	26.345	ug/L	97
33) Benzene	8.317	78	380757	26.875	ug/L	100
34) Trichloroethene	9.085	95	98043	26.133	ug/L	98
35) Methylcyclohexane	9.329	83	155463	27.276	ug/L	97
37) 1,2-Dichloropropane	9.366	63	96921	27.059	ug/L	100
38) Bromodichloromethane	9.640	83	135630	26.559	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141822	27.177	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	125603	50.395	ug/L	98
42) Toluene	10.384	91	454938	28.389	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	138437	28.013	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	83364	26.642	ug/L	96
46) Tetrachloroethene	10.860	164	80644	27.465	ug/L	97
48) 2-Hexanone	10.969	43	95100	52.652	ug/L	97
49) Dibromochloromethane	11.128	129	101181	27.675	ug/L	100
50) 1,2-Dibromoethane	11.231	107	78384	25.586	ug/L #	93
51) Chlorobenzene	11.658	112	299093	27.732	ug/L	95
52) Ethylbenzene	11.725	91	514302	29.122	ug/L	99
53) m,p-Xylene	11.835	106	203479	29.684	ug/L	100
54) o-Xylene	12.164	106	193632	29.538	ug/L	99
55) Styrene	12.176	104	351663	29.944	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	111000	25.596	ug/L	100
59) Bromoform	12.347	173	56057	23.160	ug/L	99
60) Isopropylbenzene	12.463	105	533236	26.885	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78405	22.276	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	453591	28.426	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457557	28.331	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	250778	26.436	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	260315	25.850	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	233190	26.280	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17004	21.621	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	162164	26.807	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	119294	26.026	ug/L	95
71) Naphthalene	15.359	128	251825	25.675	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116701	27.066	ug/L	94

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

