

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023670.D
 Acq On : 14 Jul 2022 01:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 02:17:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 02:04:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	207793	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	219255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134175	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	158755	29.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.640%			
7) Chloroethane-d5	2.879	69	94041	26.561	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.240%			
11) 1,1-Dichloroethene-d2	4.019	63	100876	23.342	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.360%			
21) 2-Butanone-d5	7.080	46	42475m	51.597	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.200%			
24) Chloroform-d	7.647	84	150926	24.947	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	8.305	65	93990	25.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	8.275	84	294270	25.819	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.280%			
36) 1,2-Dichloropropane-d6	9.274	67	84942	24.742	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.960%			
41) Toluene-d8	10.323	98	299778	25.930	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.720%			
43) trans-1,3-Dichloroprop...	10.579	79	39252	24.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.560%			
47) 2-Hexanone-d5	10.920	63	37938	52.551	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.100%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102300	26.963	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	111552	23.290	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	34499	24.431	ug/L	91
3) Chloromethane	2.215	50	88237	25.516	ug/L	96
5) Vinyl chloride	2.355	62	156044	26.279	ug/L	99
6) Bromomethane	2.769	94	85302	22.209	ug/L	99
8) Chloroethane	2.916	64	62961	22.664	ug/L	94
9) Trichlorofluoromethane	3.245	101	54848	20.320	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	59531	22.536	ug/L	98
12) 1,1-Dichloroethene	4.031	96	47250	21.451	ug/L	99
13) Acetone	4.129	43	25685	44.131	ug/L	94
14) Carbon disulfide	4.379	76	135629	20.932	ug/L	99
15) Methyl Acetate	4.672	43	31157	23.919	ug/L	100
16) Methylene chloride	4.922	84	66303	20.406	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	60835	22.763	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	104332	25.234	ug/L	99
19) 1,1-Dichloroethane	6.214	63	119547	24.250	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	71433	24.127	ug/L #	97
22) 2-Butanone	7.171	43	46172	48.273	ug/L	95
23) Bromochloromethane	7.513	128	35460	24.931	ug/L	94
25) Chloroform	7.671	83	136390	24.015	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	103090	24.664	ug/L	97
29) Cyclohexane	7.958	56	88971	22.187	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	108245	22.801	ug/L	98
31) Carbon tetrachloride	8.061	117	95092	22.220	ug/L	100
33) Benzene	8.323	78	294928	23.671	ug/L	100
34) Trichloroethene	9.092	95	72410	22.008	ug/L	97
35) Methylcyclohexane	9.335	83	114192	22.792	ug/L	97
37) 1,2-Dichloropropane	9.366	63	75815	24.271	ug/L	99
38) Bromodichloromethane	9.646	83	109484	25.113	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	108043	22.948	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	112801	51.894	ug/L	99
42) Toluene	10.384	91	353146	24.853	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	106678	23.839	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	66836	24.470	ug/L	99
46) Tetrachloroethene	10.860	164	59130	23.242	ug/L	91
48) 2-Hexanone	10.969	43	85778	54.201	ug/L	98
49) Dibromochloromethane	11.128	129	77863	24.582	ug/L	86
50) 1,2-Dibromoethane	11.231	107	65060	24.794	ug/L	92
51) Chlorobenzene	11.658	112	233668	24.383	ug/L	97
52) Ethylbenzene	11.731	91	395410	24.488	ug/L	99
53) m,p-Xylene	11.835	106	160649	25.500	ug/L	90
54) o-Xylene	12.164	106	162152	26.801	ug/L	100
55) Styrene	12.176	104	296110	27.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	98662	26.482	ug/L	100
59) Bromoform	12.341	173	46505	23.505	ug/L #	99
60) Isopropylbenzene	12.463	105	434691	24.118	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70469	23.952	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	360450	24.427	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	366301	24.829	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	189632	23.173	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	192807	22.146	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	186244	24.132	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16693	24.600	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	119441	22.051	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	98845	23.633	ug/L	96
71) Naphthalene	15.359	128	224948	25.073	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	89909	23.063	ug/L	98

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

