

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024065.D
 Acq On : 25 Jul 2022 11:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 01:21:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	244827	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	256330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	148968	28.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.560%			
7) Chloroethane-d5	2.873	69	92907	26.202	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.800%			
11) 1,1-Dichloroethene-d2	4.013	63	119745	25.914	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.640%			
21) 2-Butanone-d5	7.080	46	50087	53.703	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.400%			
24) Chloroform-d	7.647	84	169969	25.253	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	8.299	65	101125	26.151	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.600%			
32) Benzene-d6	8.275	84	320329	26.902	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.600%			
36) 1,2-Dichloropropane-d6	9.275	67	95613	25.458	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.840%			
41) Toluene-d8	10.323	98	321883	27.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.120%			
43) trans-1,3-Dichloroprop...	10.579	79	43762	26.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.120%			
47) 2-Hexanone-d5	10.921	63	45003	57.315	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.640%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115137	26.569	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	126252	25.784	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	51974	28.744	ug/L	91
3) Chloromethane	2.209	50	125099	26.649	ug/L	99
5) Vinyl chloride	2.349	62	184972	25.281	ug/L	100
6) Bromomethane	2.764	94	101210	25.039	ug/L	92
8) Chloroethane	2.904	64	83313	25.884	ug/L	91
9) Trichlorofluoromethane	3.239	101	76091	22.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	80037	25.372	ug/L #	78
12) 1,1-Dichloroethene	4.032	96	63465	24.545	ug/L	87
13) Acetone	4.129	43	32945	49.778	ug/L	98
14) Carbon disulfide	4.373	76	203888	25.673	ug/L	97
15) Methyl Acetate	4.666	43	43645	27.337	ug/L	97
16) Methylene chloride	4.909	84	82256	22.074	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	81085	25.630	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	131150	27.967	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	151944	25.427	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	92941m	26.753	ug/L	
22) 2-Butanone	7.171	43	59160	55.691	ug/L	99
23) Bromochloromethane	7.513	128	46028	25.746	ug/L	96
25) Chloroform	7.671	83	174002	25.165	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	130692	26.538	ug/L	98
29) Cyclohexane	7.952	56	129234	27.364	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	144100	25.150	ug/L	99
31) Carbon tetrachloride	8.067	117	132996	25.181	ug/L	98
33) Benzene	8.323	78	390443	26.367	ug/L	100
34) Trichloroethene	9.086	95	98060	25.007	ug/L	96
35) Methylcyclohexane	9.329	83	162190	27.225	ug/L	98
37) 1,2-Dichloropropane	9.366	63	96840	25.867	ug/L	99
38) Bromodichloromethane	9.646	83	137255	25.715	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	145216	26.624	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	149330	57.323	ug/L	100
42) Toluene	10.384	91	448513	26.778	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	143912	27.861	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	84040	25.697	ug/L	99
46) Tetrachloroethene	10.860	164	74956	24.423	ug/L	90
48) 2-Hexanone	10.969	43	111831	59.237	ug/L	98
49) Dibromochloromethane	11.128	129	103147	26.992	ug/L	99
50) 1,2-Dibromoethane	11.232	107	86644	27.059	ug/L #	92
51) Chlorobenzene	11.658	112	295768	26.238	ug/L	95
52) Ethylbenzene	11.725	91	512094	27.742	ug/L	98
53) m,p-Xylene	11.835	106	197307	27.539	ug/L	85
54) o-Xylene	12.164	106	195847	28.584	ug/L	98
55) Styrene	12.176	104	350526	28.557	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121289	26.759	ug/L	99
59) Bromoform	12.347	173	61791	26.440	ug/L	100
60) Isopropylbenzene	12.463	105	531431	27.750	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86857	25.559	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	445211	28.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	444145	28.482	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	245740	26.830	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	250678	25.782	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	237977	27.777	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19794	26.068	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	157873	27.029	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	122019	27.571	ug/L	96
71) Naphthalene	15.359	128	302836	31.978	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116978	28.099	ug/L	99

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

