

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
 Data File : VW021939.D
 Acq On : 15 Jan 2022 05:43
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Jan 17 03:27:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/17/2022
 Supervised By : Mahesh Dadoda 01/17/2022

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 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	142931	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	138604	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80984	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	49111	18.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.960%
7) Chloroethane-d5	2.885	69	36518	15.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.880%
11) 1,1-Dichloroethene-d2	4.025	63	87671	20.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.086	46	20676	55.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.280%
24) Chloroform-d	7.653	84	98383	21.306	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	8.305	65	48281	21.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	8.275	84	196451	21.843	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	9.274	67	52008	21.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.760%
41) Toluene-d8	10.323	98	193667	21.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.440%
43) trans-1,3-Dichloroprop...	10.579	79	22392	22.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.927	63	19063	59.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.540%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	45142	24.353	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	78856	23.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.013	85	11331	20.109	ug/L	89
3) Chloromethane	2.215	50	37161	18.190	ug/L	99
5) Vinyl chloride	2.361	62	52257	17.806	ug/L	96
6) Bromomethane	2.782	94	36152	17.421	ug/L	99
8) Chloroethane	2.928	64	26812	15.117	ug/L	99
9) Trichlorofluoromethane	3.263	101	43851	20.106	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	50878	21.432	ug/L #	84
12) 1,1-Dichloroethene	4.044	96	45949	21.538	ug/L	73
13) Acetone	4.141	43	10774	34.778	ug/L	77
14) Carbon disulfide	4.385	76	107539	19.253	ug/L	99
15) Methyl Acetate	4.678	43	14688	23.459	ug/L	95
16) Methylene chloride	4.921	84	43431	17.755	ug/L #	75
17) trans-1,2-Dichloroethene	5.428	96	46884	20.337	ug/L	75
18) Methyl tert-butyl Ether	5.428	73	67605	22.996	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	71417	21.124	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	51025	21.516	ug/L	68
22) 2-Butanone	7.177	43	18399	46.464	ug/L	79
23) Bromochloromethane	7.519	128	25568	21.667	ug/L #	58
25) Chloroform	7.677	83	82036	20.508	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	49140	21.214	ug/L	97
29) Cyclohexane	7.958	56	67954	21.915	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	75832	21.107	ug/L #	91
31) Carbon tetrachloride	8.073	117	74301	21.342	ug/L	100
33) Benzene	8.323	78	175714	20.675	ug/L	100
34) Trichloroethene	9.091	95	50767	20.589	ug/L	87
35) Methylcyclohexane	9.335	83	87674	21.622	ug/L #	82
37) 1,2-Dichloropropane	9.372	63	38466	20.775	ug/L #	93
38) Bromodichloromethane	9.646	83	54263	20.994	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	62932	21.874	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	42824	49.236	ug/L #	83
42) Toluene	10.390	91	205873	21.598	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	53849	22.363	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	35144	22.356	ug/L	94
46) Tetrachloroethene	10.866	164	49824	20.434	ug/L	98
48) 2-Hexanone	10.969	43	27746	46.624	ug/L #	85
49) Dibromochloromethane	11.128	129	44018	22.223	ug/L	92
50) 1,2-Dibromoethane	11.237	107	35331	22.642	ug/L #	86
51) Chlorobenzene	11.658	112	141307	20.996	ug/L	90
52) Ethylbenzene	11.731	91	229522	21.675	ug/L	96
53) m,p-Xylene	11.835	106	98772	22.307	ug/L	83
54) o-Xylene	12.164	106	94289	22.937	ug/L	83
55) Styrene	12.182	104	150451	22.169	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	38589m	22.815	ug/L	
59) Bromoform	12.347	173	25593	23.179	ug/L #	95
60) Isopropylbenzene	12.463	105	252048	22.855	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	27489	23.752	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.944	105	214932	23.536	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	214056	23.767	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	127890	23.066	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	119905	21.902	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	109353	22.526	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	5639	25.231	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	92182	22.369	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	77286	23.537	ug/L	95
71) Naphthalene	15.365	128	162787	32.138	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63531	23.429	ug/L	98

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

