

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021713.D
 Acq On : 03 Jan 2022 10:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 00:19:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 31 00:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	104148	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44294	21.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	30037	21.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.019	63	67579	22.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.960%
21) 2-Butanone-d5	7.074	46	14255m	47.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.900%
24) Chloroform-d	7.647	84	76609	23.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.305	65	39554	23.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.275	84	141879	23.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.274	67	38837	23.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.323	98	144155	24.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.560%
43) trans-1,3-Dichloroprop...	10.579	79	18081	22.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.920	63	12027	48.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33483	24.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	55241	23.427	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13210	21.391	ug/L	97
3) Chloromethane	2.215	50	31352	19.656	ug/L	98
5) Vinyl chloride	2.361	62	51159	21.746	ug/L	98
6) Bromomethane	2.776	94	30935	20.209	ug/L	99
8) Chloroethane	2.922	64	22736	20.281	ug/L	96
9) Trichlorofluoromethane	3.257	101	38819	27.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	38186	22.151	ug/L	89
12) 1,1-Dichloroethene	4.038	96	34800	22.571	ug/L	82
13) Acetone	4.129	43	11644	45.648	ug/L	95
14) Carbon disulfide	4.385	76	101895	22.838	ug/L	100
15) Methyl Acetate	4.672	43	10797	22.184	ug/L	# 88
16) Methylene chloride	4.909	84	34662	18.643	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	36873	22.639	ug/L	81
18) Methyl tert-butyl Ether	5.421	73	48710	21.477	ug/L	93
19) 1,1-Dichloroethane	6.214	63	57586	22.662	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37754	22.330	ug/L	68
22) 2-Butanone	7.171	43	15299	44.118	ug/L	85
23) Bromochloromethane	7.513	128	17861	21.855	ug/L	# 64
25) Chloroform	7.677	83	66422	22.660	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	42082	22.134	ug/L	98
29) Cyclohexane	7.958	56	52317	22.409	ug/L #	81
30) 1,1,1-Trichloroethane	7.866	97	60207	22.603	ug/L	95
31) Carbon tetrachloride	8.067	117	57817	22.321	ug/L	99
33) Benzene	8.323	78	140481	22.806	ug/L	100
34) Trichloroethene	9.092	95	39606	22.650	ug/L	87
35) Methylcyclohexane	9.335	83	66426	23.024	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	31525	23.093	ug/L #	95
38) Bromodichloromethane	9.640	83	47581	22.835	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	51809	23.228	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	32448	43.148	ug/L #	92
42) Toluene	10.390	91	162105	22.797	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	46179	23.043	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	25584	22.563	ug/L	94
46) Tetrachloroethene	10.860	164	39251	23.969	ug/L	95
48) 2-Hexanone	10.969	43	24071	47.133	ug/L #	93
49) Dibromochloromethane	11.128	129	35910	23.571	ug/L	97
50) 1,2-Dibromoethane	11.231	107	26006	22.836	ug/L #	96
51) Chlorobenzene	11.658	112	105650	23.028	ug/L	90
52) Ethylbenzene	11.731	91	180526	22.617	ug/L	96
53) m,p-Xylene	11.835	106	71782	22.444	ug/L	86
54) o-Xylene	12.164	106	69712	22.998	ug/L	87
55) Styrene	12.182	104	118789	22.818	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	29387	23.429	ug/L #	99
59) Bromoform	12.347	173	20622	22.916	ug/L	97
60) Isopropylbenzene	12.463	105	193510	22.513	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	20888	22.138	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	165258	22.741	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	164387	22.774	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	92173	22.712	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	91232	22.545	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	81766	23.077	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4418	21.264	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	67740	22.722	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	53927	22.662	ug/L	95
71) Naphthalene	15.365	128	81616	21.080	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	44288	22.109	ug/L	97

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

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