

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030922\
 Data File : VW022239.D
 Acq On : 09 Mar 2022 08:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 04:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155337	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142761	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51530	25.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.720%
7) Chloroethane-d5	2.879	69	35572	22.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	4.019	63	71790	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.560%
21) 2-Butanone-d5	7.080	46	16705	49.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.080%
24) Chloroform-d	7.647	84	91196	26.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.240%
26) 1,2-Dichloroethane-d4	8.305	65	44848	24.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.275	84	171141	25.758	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	9.274	67	47185	25.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.323	98	169957	25.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.920%
43) trans-1,3-Dichloroprop...	10.579	79	21053	25.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.920%
47) 2-Hexanone-d5	10.921	63	14815	48.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42863	26.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	66032	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	8857	20.402	ug/L	89
3) Chloromethane	2.209	50	35437	23.821	ug/L	97
5) Vinyl chloride	2.355	62	52864	23.651	ug/L	95
6) Bromomethane	2.770	94	32833	21.033	ug/L	94
8) Chloroethane	2.916	64	28430	22.642	ug/L	97
9) Trichlorofluoromethane	3.257	101	34425	22.685	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45540	24.597	ug/L	98
12) 1,1-Dichloroethene	4.038	96	38188	23.799	ug/L	95
13) Acetone	4.129	43	15474	55.616	ug/L	99
14) Carbon disulfide	4.385	76	76310	18.343	ug/L	97
15) Methyl Acetate	4.666	43	14370m	22.942	ug/L	
16) Methylene chloride	4.909	84	43644	22.890	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	41418	23.500	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	61489	25.643	ug/L	97
19) 1,1-Dichloroethane	6.214	63	75409	26.429	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	49458	25.905	ug/L	98
22) 2-Butanone	7.177	43	21619	54.091	ug/L	98
23) Bromochloromethane	7.513	128	23404	25.094	ug/L	97
25) Chloroform	7.677	83	89381	26.847	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	53198	25.943	ug/L	100
29) Cyclohexane	7.958	56	55924	23.539	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	76489	26.631	ug/L	99
31) Carbon tetrachloride	8.073	117	72580	26.589	ug/L	99
33) Benzene	8.323	78	178441	25.853	ug/L	100
34) Trichloroethene	9.092	95	50070	25.336	ug/L	93
35) Methylcyclohexane	9.335	83	73545	24.060	ug/L	99
37) 1,2-Dichloropropane	9.366	63	43370	26.934	ug/L	98
38) Bromodichloromethane	9.646	83	63898	27.672	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	69576	28.426	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	46516	53.493	ug/L	99
42) Toluene	10.384	91	207745	26.593	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	61725	28.063	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	38008	26.619	ug/L	91
46) Tetrachloroethene	10.860	164	43152	24.926	ug/L	86
48) 2-Hexanone	10.963	43	34317	56.860	ug/L	96
49) Dibromochloromethane	11.128	129	48526	27.979	ug/L	93
50) 1,2-Dibromoethane	11.231	107	36532	26.526	ug/L	92
51) Chlorobenzene	11.652	112	144629	26.602	ug/L	98
52) Ethylbenzene	11.731	91	237271	27.444	ug/L	99
53) m,p-Xylene	11.835	106	97373	27.371	ug/L	97
54) o-Xylene	12.164	106	93030	27.792	ug/L	90
55) Styrene	12.176	104	161739	28.823	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	46116	27.836	ug/L	93
59) Bromoform	12.347	173	27482	25.469	ug/L	98
60) Isopropylbenzene	12.463	105	260874	26.633	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31634	24.564	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179363	27.538	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	217979	27.384	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	128851	26.518	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	128620	26.415	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	115614	26.762	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6395	23.490	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.621	180	85745	24.586	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	68850	26.092	ug/L	97
71) Naphthalene	15.359	128	122860	26.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	58714	25.724	ug/L	98

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

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