

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023395.D
 Acq On : 06 Jun 2022 09:24
 Operator : SY/VA
 Sample : VSTD00514
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005414

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 06 11:12:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368654	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	341014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	166803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30860	4.564	ug/L	0.00
7) Chloroethane-d5	2.885	69	20472	4.418	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	45835	4.669	ug/L	0.00
21) 2-Butanone-d5	7.080	46	11797m	8.755	ug/L	0.00
24) Chloroform-d	7.653	84	52886	4.488	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	29065	4.670	ug/L	0.00
32) Benzene-d6	8.275	84	99539	4.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	28621	4.470	ug/L	0.00
41) Toluene-d8	10.323	98	92237	4.258	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12096	4.222	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7709	7.499	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24029	4.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	31126	4.308	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	4650m	3.161	ug/L	
3) Chloromethane	2.221	50	20084	4.327	ug/L	97
5) Vinyl chloride	2.361	62	31740	4.422	ug/L	94
6) Bromomethane	2.776	94	17988	5.305	ug/L	90
8) Chloroethane	2.922	64	16920	5.268	ug/L	96
9) Trichlorofluoromethane	3.257	101	18176	5.367	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	24908	5.084	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	21552	5.032	ug/L	77
13) Acetone	4.123	43	9206	11.111	ug/L	92
14) Carbon disulfide	4.379	76	68091	4.786	ug/L	95
15) Methyl Acetate	4.672	43	9400m	5.173	ug/L	
16) Methylene chloride	4.922	84	29487m	5.535	ug/L	
17) trans-1,2-Dichloroethene	5.434	96	26038	5.213	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	37051	5.023	ug/L	97
19) 1,1-Dichloroethane	6.220	63	44129	5.215	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	26734	5.075	ug/L #	100
22) 2-Butanone	7.177	43	13581	10.894	ug/L	91
23) Bromochloromethane	7.525	128	12922	5.168	ug/L	83
25) Chloroform	7.677	83	50771	5.463	ug/L	92
27) 1,2-Dichloroethane	8.403	62	31340	5.205	ug/L	97
29) Cyclohexane	7.958	56	35959	4.872	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	43034	5.393	ug/L	99
31) Carbon tetrachloride	8.067	117	38795	5.173	ug/L	97
33) Benzene	8.324	78	106058	5.343	ug/L	100
34) Trichloroethene	9.092	95	28492	5.299	ug/L	92
35) Methylcyclohexane	9.336	83	44656	5.014	ug/L	95
37) 1,2-Dichloropropane	9.366	63	24423	5.244	ug/L #	96
38) Bromodichloromethane	9.640	83	33404	5.051	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	34822	4.703	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	25142	9.478	ug/L	99
42) Toluene	10.390	91	115176	5.212	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	30448	4.612	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18857	4.929	ug/L	95
46) Tetrachloroethene	10.866	164	21672	5.058	ug/L	87
48) 2-Hexanone	10.969	43	16128	9.106	ug/L	97
49) Dibromochloromethane	11.128	129	21954	4.680	ug/L	93
50) 1,2-Dibromoethane	11.238	107	18856	5.038	ug/L	100
51) Chlorobenzene	11.658	112	73790	5.049	ug/L	94
52) Ethylbenzene	11.731	91	120475	4.960	ug/L	99
53) m,p-Xylene	11.841	106	45877	4.768	ug/L	94
54) o-Xylene	12.164	106	42787	4.643	ug/L	90
55) Styrene	12.176	104	73432	4.682	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	23755	5.252	ug/L #	89
59) Bromoform	12.347	173	10861	4.438	ug/L	98
60) Isopropylbenzene	12.463	105	119311	5.143	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16542	5.442	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	95722	5.013	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	95118	6.081	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	55151	5.238	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	56690	5.248	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	49820	5.203	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.475	75	3346	4.961	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	35571	5.118	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	26366	4.805	ug/L	98
71) Naphthalene	15.365	128	44841	4.321	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	22755	4.750	ug/L	98

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

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