

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023567.D
 Acq On : 07 Jul 2022 10:24
 Operator : SY/VA
 Sample : VSTD2.542
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5442

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 12:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 12:22:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	286642	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	269380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134868	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13441	3.131	ug/L	0.00
7) Chloroethane-d5	2.879	69	6153	2.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	14403	2.755	ug/L	0.00
21) 2-Butanone-d5	7.092	46	4177	3.985	ug/L	0.01
24) Chloroform-d	7.647	84	22018	2.770	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	12936	2.934	ug/L	0.00
32) Benzene-d6	8.275	84	38401	2.601	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	11376	2.614	ug/L	0.00
41) Toluene-d8	10.323	98	35078	2.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4592	2.378	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	3272	3.907	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	10151	2.401	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	12064	2.423	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	1566	1.265	ug/L	92
3) Chloromethane	2.215	50	8039	2.257	ug/L	96
5) Vinyl chloride	2.355	62	13679	2.750	ug/L	97
6) Bromomethane	2.770	94	7039	2.228	ug/L	91
8) Chloroethane	2.910	64	4299m	2.005	ug/L	
9) Trichlorofluoromethane	3.245	101	6680	2.877	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	10661	2.931	ug/L #	84
12) 1,1-Dichloroethene	4.038	96	7914	2.624	ug/L	91
13) Acetone	4.123	43	4884m	6.649	ug/L	
14) Carbon disulfide	4.379	76	21928	2.682	ug/L #	91
15) Methyl Acetate	4.684	43	5121m	3.025	ug/L	
17) trans-1,2-Dichloroethene	5.422	96	9995	2.658	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	14015m	2.517	ug/L	
19) 1,1-Dichloroethane	6.214	63	17909	2.689	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	10556	2.574	ug/L	97
22) 2-Butanone	7.171	43	6133	5.045	ug/L	80
23) Bromochloromethane	7.519	128	5620	2.744	ug/L	96
25) Chloroform	7.671	83	21173	2.833	ug/L	83
27) 1,2-Dichloroethane	8.403	62	14357	2.901	ug/L #	90
29) Cyclohexane	7.952	56	11485	2.179	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	16769	2.768	ug/L	98
31) Carbon tetrachloride	8.061	117	14869	2.705	ug/L	97
33) Benzene	8.324	78	42389	2.705	ug/L	100
34) Trichloroethene	9.092	95	10929	2.617	ug/L	98
35) Methylcyclohexane	9.329	83	15727	2.381	ug/L	96
37) 1,2-Dichloropropane	9.372	63	10296	2.713	ug/L #	91
38) Bromodichloromethane	9.646	83	14765	2.697	ug/L	93
39) cis-1,3-Dichloropropene	10.067	75	13960	2.362	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	12337	4.887	ug/L	96
42) Toluene	10.384	91	41834	2.406	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	13074	2.392	ug/L	97
45) 1,1,2-Trichloroethane	10.780	97	9042	2.766	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.860	164	8462	2.519	ug/L	89
48) 2-Hexanone	10.969	43	7354	4.232	ug/L	95
49) Dibromochloromethane	11.122	129	9803	2.475	ug/L	95
50) 1,2-Dibromoethane	11.232	107	7921	2.442	ug/L	86
51) Chlorobenzene	11.658	112	30783	2.593	ug/L	99
52) Ethylbenzene	11.731	91	46212	2.373	ug/L	98
53) m,p-Xylene	11.835	106	17052	2.227	ug/L	83
54) o-Xylene	12.164	106	16309	2.246	ug/L	95
55) Styrene	12.177	104	27152	2.137	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	10541	2.502	ug/L	89
59) Bromoform	12.347	173	5110	2.453	ug/L #	94
60) Isopropylbenzene	12.463	105	41884	2.276	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	7885	2.771	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	33131	2.151	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	33555	2.172	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	21143	2.383	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	24485	2.717	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	19835	2.446	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.475	75	1839	2.801	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	13394	2.291	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	10439	2.197	ug/L	98
71) Naphthalene	15.359	128	18875	1.890	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	9410	2.146	ug/L	92

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

