

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023641.D
 Acq On : 13 Jul 2022 11:42
 Operator : SY/VA
 Sample : VSTD2.550
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5450

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 01:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	209738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	206554	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	104980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10549	1.979	ug/L	0.00
7) Chloroethane-d5	2.873	69	7382m	2.083	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	10261m	2.360	ug/L	0.00
21) 2-Butanone-d5	7.086	46	4157	5.123	ug/L	0.00
24) Chloroform-d	7.653	84	15009	2.458	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	8678	2.324	ug/L	0.00
32) Benzene-d6	8.268	84	23937	2.229	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	8086	2.500	ug/L	0.00
41) Toluene-d8	10.323	98	22591	2.074	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	3087	2.036	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	3089	4.542	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8827	2.470	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	9148	2.441	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2750	1.943	ug/L	99
3) Chloromethane	2.215	50	9750	2.793	ug/L	97
5) Vinyl chloride	2.355	62	16566	2.764	ug/L	96
6) Bromomethane	2.769	94	11676	3.012	ug/L	93
8) Chloroethane	2.910	64	7348	2.621	ug/L	96
9) Trichlorofluoromethane	3.245	101	7909	2.903	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	7735m	2.918	ug/L	
12) 1,1-Dichloroethene	4.037	96	6154m	2.778	ug/L	
13) Acetone	4.117	43	4547m	8.579	ug/L	
14) Carbon disulfide	4.379	76	20394	3.118	ug/L #	88
15) Methyl Acetate	4.672	43	3903m	3.116	ug/L	
16) Methylene chloride	4.915	84	12561	3.831	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	7593	2.815	ug/L	79
18) Methyl tert-butyl Ether	5.421	73	10937m	2.630	ug/L	
19) 1,1-Dichloroethane	6.214	63	13466	2.706	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	7613	2.545	ug/L #	99
22) 2-Butanone	7.177	43	5362	5.583	ug/L	75
23) Bromochloromethane	7.506	128	3776m	2.630	ug/L	
25) Chloroform	7.677	83	15368	2.681	ug/L	89
27) 1,2-Dichloroethane	8.403	62	11506	2.727	ug/L	99
29) Cyclohexane	7.951	56	9378	2.482	ug/L #	89
30) 1,1,1-Trichloroethane	7.872	97	12508	2.797	ug/L	97
31) Carbon tetrachloride	8.067	117	11043	2.739	ug/L	94
33) Benzene	8.323	78	31355	2.671	ug/L	100
34) Trichloroethene	9.091	95	9182	2.962	ug/L	91
35) Methylcyclohexane	9.329	83	11856	2.512	ug/L	96
37) 1,2-Dichloropropane	9.366	63	8284	2.815	ug/L	100
38) Bromodichloromethane	9.646	83	11186	2.724	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	11075	2.497	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	10464	5.110	ug/L	97
42) Toluene	10.390	91	31935	2.386	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	9527	2.260	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	6841	2.659	ug/L	94
46) Tetrachloroethene	10.866	164	6570	2.741	ug/L	87
48) 2-Hexanone	10.969	43	7693m	5.251	ug/L	
49) Dibromochloromethane	11.128	129	7519	2.520	ug/L	93
50) 1,2-Dibromoethane	11.231	107	6315	2.555	ug/L #	97
51) Chlorobenzene	11.652	112	23263	2.577	ug/L	94
52) Ethylbenzene	11.725	91	35389	2.326	ug/L	98
53) m,p-Xylene	11.841	106	13414	2.260	ug/L	96
54) o-Xylene	12.164	106	11722	2.057	ug/L	91
55) Styrene	12.182	104	20003	1.987	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	9299	2.649	ug/L #	94
59) Bromoform	12.347	173	3861	2.494	ug/L	98
60) Isopropylbenzene	12.463	105	32071	2.274	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	6664	2.895	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	25059	2.170	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	25002	2.166	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	15908	2.485	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	18152	2.665	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	15332	2.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1487	2.801	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	11329	2.673	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	8314	2.541	ug/L	96
71) Naphthalene	15.365	128	15073	2.147	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.548	180	7700	2.524	ug/L	92

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

