

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022419.D
 Acq On : 07 Apr 2022 08:21
 Operator : SY/VA
 Sample : VSTD2.575
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5475

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 06:06:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 05:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	313623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	292221	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16774	2.419	ug/L	0.00
7) Chloroethane-d5	2.891	69	8534	1.964	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	22583	2.511	ug/L	0.00
21) 2-Butanone-d5	7.086	46	4451m	3.624	ug/L	0.00
24) Chloroform-d	7.653	84	20936	2.136	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	11914	2.127	ug/L	0.00
32) Benzene-d6	8.275	84	40811	2.286	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	11405	2.207	ug/L	0.00
41) Toluene-d8	10.323	98	37901	2.168	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4849	1.989	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	3074	3.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	7756	1.765	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11215	2.076	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2321m	1.555	ug/L	
3) Chloromethane	2.221	50	9540	2.489	ug/L	98
5) Vinyl chloride	2.367	62	20722	2.591	ug/L	96
6) Bromomethane	2.782	94	13443	2.765	ug/L	91
8) Chloroethane	2.922	64	7425	2.120	ug/L	96
9) Trichlorofluoromethane	3.257	101	8180	2.770	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	12644m	2.750	ug/L	
12) 1,1-Dichloroethene	4.050	96	10858	2.571	ug/L	88
13) Acetone	4.123	43	5017m	6.324	ug/L	
14) Carbon disulfide	4.391	76	34767	2.503	ug/L	100
15) Methyl Acetate	4.684	43	4704m	2.237	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	11924	2.414	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	18540	2.295	ug/L #	67
19) 1,1-Dichloroethane	6.220	63	22423	2.484	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	12683	2.421	ug/L #	93
22) 2-Butanone	7.171	43	5255	4.222	ug/L	82
23) Bromochloromethane	7.513	128	5236	2.329	ug/L	88
25) Chloroform	7.677	83	24051	2.530	ug/L	97
27) 1,2-Dichloroethane	8.397	62	15834	2.370	ug/L #	94
29) Cyclohexane	7.958	56	21761	2.602	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	20733	2.558	ug/L	98
31) Carbon tetrachloride	8.067	117	18545	2.549	ug/L	97
33) Benzene	8.323	78	49698	2.505	ug/L	100
34) Trichloroethene	9.085	95	13499	2.541	ug/L	81
35) Methylcyclohexane	9.335	83	23999	2.518	ug/L	97
37) 1,2-Dichloropropane	9.366	63	11944	2.513	ug/L #	88
38) Bromodichloromethane	9.646	83	16221	2.373	ug/L #	98
39) cis-1,3-Dichloropropene	10.067	75	16445	2.180	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	11643	4.014	ug/L	96
42) Toluene	10.390	91	55167	2.427	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	14331	2.122	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	8330	2.296	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	10034	2.570	ug/L	87
48) 2-Hexanone	10.963	43	8215	4.009	ug/L	95
49) Dibromochloromethane	11.128	129	9060	2.094	ug/L	100
50) 1,2-Dibromoethane	11.231	107	7905	2.207	ug/L #	91
51) Chlorobenzene	11.658	112	33735	2.428	ug/L	94
52) Ethylbenzene	11.731	91	60047	2.357	ug/L	97
53) m,p-Xylene	11.835	106	22322	2.304	ug/L	93
54) o-Xylene	12.164	106	20937	2.261	ug/L	92
55) Styrene	12.176	104	34265	2.165	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	9256	2.079	ug/L #	97
59) Bromoform	12.347	173	4594	2.027	ug/L #	98
60) Isopropylbenzene	12.463	105	58612	2.313	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	6912	2.130	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	31995	2.296	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	49388	2.331	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	23525	2.288	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	24960	2.434	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	21615	2.350	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1514	2.012	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	16123	2.403	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	12880	2.286	ug/L	96
71) Naphthalene	15.359	128	23787	2.001	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	11086	2.302	ug/L	97

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

