

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023367.D
 Acq On : 02 Jun 2022 10:23
 Operator : SY/VA
 Sample : VSTD2.507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5407

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 02 21:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:25:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	401080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	15227	2.567	ug/L	0.00
7) Chloroethane-d5	2.891	69	7939	1.931	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	23931	2.625	ug/L	0.00
21) 2-Butanone-d5	7.086	46	6620m	5.439	ug/L	0.00
24) Chloroform-d	7.653	84	27633	2.616	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14753	2.667	ug/L	0.00
32) Benzene-d6	8.275	84	50224	2.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14960	2.649	ug/L	0.00
41) Toluene-d8	10.323	98	44964	2.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5726	2.272	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	4054	4.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	12204	2.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	15813	2.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	3268m	1.985	ug/L	
3) Chloromethane	2.215	50	13305	2.686	ug/L	93
5) Vinyl chloride	2.361	62	19517	2.531	ug/L	95
6) Bromomethane	2.776	94	7884	2.095	ug/L	89
8) Chloroethane	2.922	64	7039m	1.997	ug/L	
9) Trichlorofluoromethane	3.257	101	9979m	2.740	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	14303m	2.710	ug/L	
12) 1,1-Dichloroethene	4.037	96	11153	2.426	ug/L #	78
13) Acetone	4.129	43	5669m	6.368	ug/L	
14) Carbon disulfide	4.385	76	39297	2.559	ug/L #	95
15) Methyl Acetate	4.672	43	5208m	2.650	ug/L	
17) trans-1,2-Dichloroethene	5.427	96	13160	2.454	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	19096m	2.419	ug/L	
19) 1,1-Dichloroethane	6.226	63	23604	2.599	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	14020	2.490	ug/L	97
22) 2-Butanone	7.177	43	7323m	5.508	ug/L	
23) Bromochloromethane	7.512	128	6594	2.475	ug/L	98
25) Chloroform	7.683	83	25466	2.561	ug/L	96
27) 1,2-Dichloroethane	8.403	62	16422	2.566	ug/L	96
29) Cyclohexane	7.964	56	18832m	2.400	ug/L	
30) 1,1,1-Trichloroethane	7.872	97	22079	2.597	ug/L	99
31) Carbon tetrachloride	8.067	117	20500	2.564	ug/L	96
33) Benzene	8.323	78	53712	2.553	ug/L	100
34) Trichloroethene	9.091	95	14575	2.558	ug/L	89
35) Methylcyclohexane	9.341	83	21713	2.300	ug/L	91
37) 1,2-Dichloropropane	9.372	63	12570	2.536	ug/L #	91
38) Bromodichloromethane	9.646	83	17915	2.553	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	17542	2.253	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	12851	4.574	ug/L	99
42) Toluene	10.390	91	54907	2.349	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	16014	2.299	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	10404	2.563	ug/L	97

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46) Tetrachloroethene	10.866	164	10825	2.372	ug/L	90
48) 2-Hexanone	10.969	43	8096	4.312	ug/L	95
49) Dibromochloromethane	11.134	129	11953	2.400	ug/L	99
50) 1,2-Dibromoethane	11.237	107	9677	2.446	ug/L #	94
51) Chlorobenzene	11.658	112	38024	2.464	ug/L	95
52) Ethylbenzene	11.731	91	59657	2.324	ug/L	96
53) m,p-Xylene	11.841	106	22455	2.209	ug/L	97
54) o-Xylene	12.164	106	20928	2.152	ug/L	98
55) Styrene	12.182	104	35087	2.117	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	11650	2.430	ug/L	99
59) Bromoform	12.353	173	6204	2.326	ug/L #	99
60) Isopropylbenzene	12.463	105	57266	2.299	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8651	2.649	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	44823	2.196	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	34397	2.170	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	27517	2.429	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	28686	2.478	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	24866	2.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2038	2.802	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	17434	2.331	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	12483	2.100	ug/L	97
71) Naphthalene	15.359	128	20824	1.861	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	11521	2.240	ug/L	97

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

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