

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023522.D
 Acq On : 28 Jun 2022 10:07
 Operator : SY/VA
 Sample : VSTD00528
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005428

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 01:33:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	333392	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	304031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30306	7.084	ug/L	0.00
7) Chloroethane-d5	2.885	69	21176	6.530	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	39695	5.896	ug/L	-0.01
21) 2-Butanone-d5	7.086	46	11062m	10.984	ug/L	0.00
24) Chloroform-d	7.653	84	49437	5.775	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	27466	6.095	ug/L	0.00
32) Benzene-d6	8.275	84	90763	6.038	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26651	5.947	ug/L	0.00
41) Toluene-d8	10.323	98	85695	5.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11536	5.687	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6905	9.612	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	23998	5.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	28497	5.537	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	5378m	3.544	ug/L	
3) Chloromethane	2.221	50	19109	4.696	ug/L	97
5) Vinyl chloride	2.361	62	28510	4.629	ug/L	100
6) Bromomethane	2.776	94	16716	4.774	ug/L	97
8) Chloroethane	2.922	64	14675	4.546	ug/L	93
9) Trichlorofluoromethane	3.263	101	15645	4.849	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	22157m	5.018	ug/L	
12) 1,1-Dichloroethene	4.044	96	18042	4.724	ug/L	87
13) Acetone	4.123	43	8149m	11.436	ug/L	
14) Carbon disulfide	4.385	76	52982	4.422	ug/L	97
15) Methyl Acetate	4.678	43	7767	4.668	ug/L #	65
16) Methylene chloride	4.922	84	26679	5.355	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	22084	4.918	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	30758	4.792	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	37381	4.939	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	22295	4.714	ug/L	83
22) 2-Butanone	7.177	43	12547m	10.523	ug/L	
23) Bromochloromethane	7.519	128	10918	4.880	ug/L	92
25) Chloroform	7.677	83	42804	5.020	ug/L	99
27) 1,2-Dichloroethane	8.403	62	28324	5.167	ug/L	96
29) Cyclohexane	7.964	56	27739	4.482	ug/L #	93
30) 1,1,1-Trichloroethane	7.872	97	37589	5.240	ug/L	98
31) Carbon tetrachloride	8.067	117	33660	5.110	ug/L	99
33) Benzene	8.323	78	90705	5.199	ug/L	100
34) Trichloroethene	9.092	95	24662	5.131	ug/L	94
35) Methylcyclohexane	9.342	83	35751	4.675	ug/L	96
37) 1,2-Dichloropropane	9.372	63	21095	5.091	ug/L	99
38) Bromodichloromethane	9.646	83	30049	5.056	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	30058	4.725	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	22618	9.701	ug/L	96
42) Toluene	10.384	91	95667	4.984	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	26312	4.685	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	17624	5.213	ug/L	95
46) Tetrachloroethene	10.860	164	18908	4.983	ug/L	96
48) 2-Hexanone	10.969	43	15394	9.816	ug/L #	92
49) Dibromochloromethane	11.128	129	19872	4.821	ug/L	96
50) 1,2-Dibromoethane	11.238	107	16194	4.924	ug/L #	76
51) Chlorobenzene	11.658	112	65474	5.024	ug/L	98
52) Ethylbenzene	11.731	91	101368	4.741	ug/L	100
53) m,p-Xylene	11.835	106	40403	4.781	ug/L	95
54) o-Xylene	12.164	106	36333	4.624	ug/L	100
55) Styrene	12.183	104	62678	4.607	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	20565	5.042	ug/L	97
59) Bromoform	12.347	173	9613	4.658	ug/L	93
60) Isopropylbenzene	12.463	105	99185	4.893	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	15014	5.462	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	78468	4.723	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	79446	4.846	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	46402	4.972	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	50548	5.276	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	40238	4.782	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	3442	5.454	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	30021	4.911	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	20765	4.402	ug/L	94
71) Naphthalene	15.365	128	36715	4.103	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	19109	4.686	ug/L	95

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

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