

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023396.D
 Acq On : 06 Jun 2022 09:48
 Operator : SY/VA
 Sample : VSTD02515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 06 11:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	394040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381055	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	199573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	312124	43.187	ug/L	0.00
7) Chloroethane-d5	2.891	69	220409	44.502	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	405064	38.604	ug/L	0.00
21) 2-Butanone-d5	7.080	46	114119	79.238	ug/L	0.00
24) Chloroform-d	7.653	84	516415	41.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	276024	41.497	ug/L	0.00
32) Benzene-d6	8.275	84	1041594	41.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	296306	41.410	ug/L	0.00
41) Toluene-d8	10.323	98	1045455	43.187	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	134998	42.173	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	94432	82.205	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	251273	40.329	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	367879	42.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	33256m	21.152	ug/L	
3) Chloromethane	2.221	50	125586	25.314	ug/L	100
5) Vinyl chloride	2.361	62	192547	25.096	ug/L	96
6) Bromomethane	2.782	94	87193	24.057	ug/L	94
8) Chloroethane	2.922	64	91431	26.632	ug/L	97
9) Trichlorofluoromethane	3.257	101	92927	25.672	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129397	24.710	ug/L	96
12) 1,1-Dichloroethene	4.037	96	117541m	25.677	ug/L	
13) Acetone	4.123	43	38316	43.267	ug/L	75
14) Carbon disulfide	4.385	76	376501	24.759	ug/L	99
15) Methyl Acetate	4.672	43	46934	24.167	ug/L	97
16) Methylene chloride	4.921	84	128271	22.528	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	134135	25.122	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	203388	25.795	ug/L	99
19) 1,1-Dichloroethane	6.220	63	226310	25.023	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	142705	25.347	ug/L #	95
22) 2-Butanone	7.171	43	63978	48.015	ug/L	99
23) Bromochloromethane	7.519	128	66479	24.874	ug/L	97
25) Chloroform	7.677	83	252816	25.449	ug/L	95
27) 1,2-Dichloroethane	8.403	62	165585	25.729	ug/L	99
29) Cyclohexane	7.957	56	212049	25.710	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	221121	24.797	ug/L	99
31) Carbon tetrachloride	8.073	117	208787	24.913	ug/L	97
33) Benzene	8.329	78	557792	25.146	ug/L	100
34) Trichloroethene	9.091	95	149632	24.903	ug/L	99
35) Methylcyclohexane	9.335	83	262286	26.356	ug/L	98
37) 1,2-Dichloropropane	9.366	63	132101	25.384	ug/L	100
38) Bromodichloromethane	9.646	83	184695	24.993	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	219885	26.576	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146525	49.435	ug/L	99
42) Toluene	10.390	91	647022	26.201	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	191194	25.915	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	107678	25.188	ug/L	99
46) Tetrachloroethene	10.859	164	124190	25.939	ug/L	84
48) 2-Hexanone	10.969	43	99767	50.408	ug/L	97
49) Dibromochloromethane	11.128	129	130631	24.921	ug/L	97
50) 1,2-Dibromoethane	11.237	107	104951	25.094	ug/L #	97
51) Chlorobenzene	11.658	112	422095	25.848	ug/L	97
52) Ethylbenzene	11.731	91	710285	26.172	ug/L	99
53) m,p-Xylene	11.835	106	283484	26.368	ug/L	100
54) o-Xylene	12.164	106	271905	26.407	ug/L	92
55) Styrene	12.182	104	467253	26.662	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	127300	25.186	ug/L	93
59) Bromoform	12.347	173	69433	23.713	ug/L	96
60) Isopropylbenzene	12.463	105	742278	26.742	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	90979	25.014	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	632851	27.703	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	615326	32.877	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	326723	25.935	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	335629	25.969	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	303001	26.446	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19037	23.593	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	218159	26.234	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	168699	25.697	ug/L	96
71) Naphthalene	15.359	128	336333	27.088	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147790	25.784	ug/L	97

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

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