

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024345.D
 Acq On : 26 Aug 2022 11:15
 Operator : SY/VA
 Sample : VSTD2.519
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5419

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	207099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	103157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	15651	2.754	ug/L	0.00
7) Chloroethane-d5	2.879	69	11644	2.768	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.001	63	13650m	2.833	ug/L	0.00
21) 2-Butanone-d5	7.080	46	5298m	5.247	ug/L	0.00
24) Chloroform-d	7.647	84	17511	2.642	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	10013	2.491	ug/L	0.00
32) Benzene-d6	8.268	84	28868	2.433	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	9270	2.512	ug/L	0.00
41) Toluene-d8	10.323	98	24792	2.198	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3831	2.211	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	2638	3.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	9575	2.292	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	9379	2.414	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4826m	2.279	ug/L	
3) Chloromethane	2.215	50	10619	2.749	ug/L	93
5) Vinyl chloride	2.355	62	18356	2.722	ug/L	94
6) Bromomethane	2.769	94	14915	3.151	ug/L	98
8) Chloroethane	2.910	64	10249	2.876	ug/L	91
9) Trichlorofluoromethane	3.245	101	9384	2.960	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	8903m	2.938	ug/L	
12) 1,1-Dichloroethene	4.031	96	6665	2.707	ug/L	86
13) Acetone	4.129	43	4096	6.477	ug/L	69
14) Carbon disulfide	4.373	76	21789	2.663	ug/L	100
15) Methyl Acetate	4.678	43	4512m	2.962	ug/L	
16) Methylene chloride	4.909	84	12860	3.771	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	7328	2.514	ug/L	83
18) Methyl tert-butyl Ether	5.421	73	11030	2.311	ug/L #	85
19) 1,1-Dichloroethane	6.214	63	15792	2.865	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8204m	2.560	ug/L	
22) 2-Butanone	7.183	43	5908m	5.308	ug/L	
23) Bromochloromethane	7.513	128	4222	2.698	ug/L	86
25) Chloroform	7.671	83	16553	2.707	ug/L	94
27) 1,2-Dichloroethane	8.403	62	11708	2.631	ug/L	97
29) Cyclohexane	7.958	56	9713	2.175	ug/L #	96
30) 1,1,1-Trichloroethane	7.860	97	13549	2.775	ug/L #	84
31) Carbon tetrachloride	8.067	117	12347	2.764	ug/L	99
33) Benzene	8.323	78	31187	2.419	ug/L	100
34) Trichloroethene	9.091	95	9830	2.893	ug/L	93
35) Methylcyclohexane	9.335	83	12354	2.265	ug/L	94
37) 1,2-Dichloropropane	9.366	63	9282m	2.804	ug/L	
38) Bromodichloromethane	9.640	83	11972	2.642	ug/L #	89
39) cis-1,3-Dichloropropene	10.073	75	9541	2.051	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	10231m	4.368	ug/L	
42) Toluene	10.384	91	31818	2.236	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	9626	2.130	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	6700	2.469	ug/L	97
46) Tetrachloroethene	10.866	164	6542	2.479	ug/L	94
48) 2-Hexanone	10.969	43	7502	4.299	ug/L	89
49) Dibromochloromethane	11.122	129	7590	2.365	ug/L	99
50) 1,2-Dibromoethane	11.231	107	6115	2.344	ug/L #	92
51) Chlorobenzene	11.652	112	23373	2.447	ug/L	97
52) Ethylbenzene	11.725	91	34171	2.172	ug/L	96
53) m,p-Xylene	11.835	106	12740	2.062	ug/L	91
54) o-Xylene	12.164	106	11225	1.943	ug/L	93
55) Styrene	12.176	104	18328	1.795	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	9509	2.511	ug/L #	92
59) Bromoform	12.347	173	4133	2.497	ug/L	98
60) Isopropylbenzene	12.463	105	29269	2.136	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	6246m	2.668	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	21505	1.947	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	19617	1.828	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	16090	2.456	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	18815	2.720	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	15451	2.516	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	1899	3.240	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	11061	2.616	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	7781	2.367	ug/L	95
71) Naphthalene	15.359	128	13243	1.835	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.548	180	7369	2.372	ug/L	95

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

