

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024636.D
 Acq On : 26 Sep 2022 11:31
 Operator : SY/VA
 Sample : VSTD10051
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 00:51:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	608149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	556407	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	259439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	730945	114.877	ug/L	0.00
7) Chloroethane-d5	2.885	69	392097	106.044	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1493122	101.387	ug/L	0.00
21) 2-Butanone-d5	7.080	46	458540	201.873	ug/L	0.00
24) Chloroform-d	7.653	84	1599325	98.371	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	815980	96.750	ug/L	0.00
32) Benzene-d6	8.275	84	3294937	92.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	1024673	94.301	ug/L	0.00
41) Toluene-d8	10.323	98	2929991	92.180	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	465702	96.241	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	368773	198.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	742169	95.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	841231	92.146	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	465163	128.881	ug/L	93
3) Chloromethane	2.221	50	837016	115.119	ug/L	97
5) Vinyl chloride	2.367	62	872282	116.680	ug/L	98
6) Bromomethane	2.782	94	335453	97.227	ug/L	95
8) Chloroethane	2.922	64	353425	112.132	ug/L	100
9) Trichlorofluoromethane	3.257	101	426719	102.028	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	811673	101.753	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	836837	104.662	ug/L	100
13) Acetone	4.141	43	277574	165.834	ug/L	97
14) Carbon disulfide	4.391	76	2724600	108.484	ug/L	99
15) Methyl Acetate	4.678	43	405439	107.940	ug/L	99
16) Methylene chloride	4.922	84	860190	72.022	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	905865	101.496	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	1394629	98.483	ug/L	99
19) 1,1-Dichloroethane	6.220	63	1696664	101.452	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	978642m	102.056	ug/L	
22) 2-Butanone	7.177	43	499891	187.085	ug/L	100
23) Bromochloromethane	7.519	128	398253	102.164	ug/L	98
25) Chloroform	7.677	83	1581668	99.735	ug/L	96
27) 1,2-Dichloroethane	8.403	62	1014564	101.670	ug/L	99
29) Cyclohexane	7.958	56	1660537	95.761	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	1272805	94.534	ug/L	99
31) Carbon tetrachloride	8.073	117	1090335	95.630	ug/L	98
33) Benzene	8.323	78	3662368	94.043	ug/L	100
34) Trichloroethene	9.092	95	955291	96.782	ug/L	96
35) Methylcyclohexane	9.335	83	1740314	96.181	ug/L	99
37) 1,2-Dichloropropane	9.372	63	926361	96.354	ug/L	100
38) Bromodichloromethane	9.646	83	1174322	99.300	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	1524401	100.267	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	1152071	202.448	ug/L	99
42) Toluene	10.390	91	3810813	94.759	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	1304297	100.064	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	646616	98.465	ug/L	99
46) Tetrachloroethene	10.860	164	640366	95.484	ug/L	94
48) 2-Hexanone	10.969	43	776090	201.683	ug/L	99
49) Dibromochloromethane	11.128	129	749928	101.414	ug/L	93
50) 1,2-Dibromoethane	11.237	107	619954	99.738	ug/L	100
51) Chlorobenzene	11.658	112	2355411	95.656	ug/L	97
52) Ethylbenzene	11.725	91	4236520	95.639	ug/L	98
53) m,p-Xylene	11.841	106	1653660	95.601	ug/L	96
54) o-Xylene	12.164	106	1581944	96.846	ug/L	100
55) Styrene	12.182	104	2618002	95.073	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	762346	99.147	ug/L	97
59) Bromoform	12.347	173	386546	105.405	ug/L	98
60) Isopropylbenzene	12.463	105	4142205	97.961	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	560057	100.215	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	3602183	98.014	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	3505832	97.374	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	1695799	98.716	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	1609109	96.222	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	1456512	97.343	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	135449	102.491	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	1140143	99.959	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	951777	99.327	ug/L	99
71) Naphthalene	15.359	128	2162827	103.663	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	826332	101.325	ug/L	98

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

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