

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027831.D
 Acq On : 08 Jan 2024 15:02
 Operator : SY/MD
 Sample : VSTD05007
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050407

Quant Time: Jan 09 03:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343875	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	162013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	207184	49.302	ug/L	0.00
7) Chloroethane-d5	2.899	69	177825	48.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	88155	46.683	ug/L	0.00
21) 2-Butanone-d5	7.087	46	69541	99.615	ug/L	0.00
24) Chloroform-d	7.648	84	410291	49.373	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	184134	48.842	ug/L	0.00
32) Benzene-d6	8.276	84	871070	49.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	242021	49.191	ug/L	0.00
41) Toluene-d8	10.324	98	842456	51.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	98651	52.618	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	67493	105.091	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171385	49.364	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	284948	49.639	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	186941	56.475	ug/L	98
3) Chloromethane	2.228	50	219035	49.222	ug/L	98
5) Vinyl chloride	2.374	62	241625	53.998	ug/L	100
6) Bromomethane	2.795	94	172075	49.138	ug/L	97
8) Chloroethane	2.935	64	155289	51.355	ug/L	99
9) Trichlorofluoromethane	3.271	101	253301	49.461	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	205774	49.397	ug/L	97
12) 1,1-Dichloroethene	4.051	96	204617	49.823	ug/L	90
13) Acetone	4.142	43	68715m	81.355	ug/L	
14) Carbon disulfide	4.392	76	633009	50.406	ug/L	100
15) Methyl Acetate	4.679	43	56336	48.057	ug/L	95
16) Methylene chloride	4.917	84	203402	40.309	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	218500	49.932	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	266393	49.567	ug/L	99
19) 1,1-Dichloroethane	6.221	63	366618	49.361	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	237243	50.316	ug/L	98
22) 2-Butanone	7.179	43	83416	96.794	ug/L	100
23) Bromochloromethane	7.520	128	101617	49.101	ug/L	95
25) Chloroform	7.678	83	380602	49.401	ug/L	97
27) 1,2-Dichloroethane	8.398	62	211536	48.768	ug/L	99
29) Cyclohexane	7.959	56	328095	51.526	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	315520	50.327	ug/L	99
31) Carbon tetrachloride	8.069	117	274443	50.255	ug/L	98
33) Benzene	8.325	78	852479	49.465	ug/L	100
34) Trichloroethene	9.093	95	233757	49.514	ug/L	98
35) Methylcyclohexane	9.337	83	402489	50.703	ug/L	99
37) 1,2-Dichloropropane	9.367	63	203506	49.128	ug/L	100
38) Bromodichloromethane	9.641	83	258316	49.763	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	328557	51.120	ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	163004	100.273	ug/L	98
42) Toluene	10.385	91	951816	50.432	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	260598	52.627	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	151823	48.896	ug/L	98
46) Tetrachloroethene	10.861	164	188529	49.595	ug/L	95
48) 2-Hexanone	10.964	43	118515	99.644	ug/L	98
49) Dibromochloromethane	11.123	129	174975	51.835	ug/L	96
50) 1,2-Dibromoethane	11.233	107	141561	49.782	ug/L	97
51) Chlorobenzene	11.653	112	625399	50.440	ug/L	97
52) Ethylbenzene	11.726	91	1083586	50.999	ug/L	97
53) m,p-Xylene	11.836	106	420682	51.151	ug/L	94
54) o-Xylene	12.159	106	397990	51.576	ug/L	99
55) Styrene	12.178	104	679493	51.917	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	166338	49.300	ug/L	99
59) Bromoform	12.348	173	95784	47.967	ug/L #	94
60) Isopropylbenzene	12.458	105	1107836	49.658	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	114681	46.245	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	899490	50.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	902004	51.045	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	501310	49.565	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	466968	46.869	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	418107	47.434	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	22695	47.614	ug/L	83
69) 1,3,5-Trichlorobenzene	14.622	180	336899	47.703	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	286937	50.138	ug/L	93
71) Naphthalene	15.360	128	476178	49.985	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	240383	49.696	ug/L	99

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

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