

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023571.D
 Acq On : 07 Jul 2022 12:02
 Operator : SY/VA
 Sample : VSTD10046
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100446

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 12:32:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 12:22:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	351396	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195616	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	608026	115.553	ug/L	0.00
7) Chloroethane-d5	2.873	69	410673	118.104	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	705109	110.008	ug/L	0.00
21) 2-Butanone-d5	7.074	46	273472	212.807	ug/L	0.00
24) Chloroform-d	7.647	84	961718	98.679	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	532231	98.462	ug/L	0.00
32) Benzene-d6	8.269	84	1870157	96.944	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	538581	94.735	ug/L	0.00
41) Toluene-d8	10.323	98	1909293	101.836	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	271382	107.543	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	249604	228.099	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	555601	100.581	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	707735	98.019	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	249430m	164.365	ug/L	
3) Chloromethane	2.215	50	494636	113.258	ug/L	97
5) Vinyl chloride	2.355	62	724459	118.806	ug/L	97
6) Bromomethane	2.763	94	414194	106.958	ug/L	93
8) Chloroethane	2.910	64	317057	120.600	ug/L	91
9) Trichlorofluoromethane	3.245	101	290200	101.952	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	462558	103.729	ug/L	99
12) 1,1-Dichloroethene	4.032	96	412996	111.692	ug/L	94
13) Acetone	4.123	43	163334	181.393	ug/L	99
14) Carbon disulfide	4.385	76	1142598	113.985	ug/L	98
15) Methyl Acetate	4.666	43	215755	103.954	ug/L	99
16) Methylene chloride	4.915	84	434031	83.029	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	472051	102.402	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	729781	106.929	ug/L	99
19) 1,1-Dichloroethane	6.214	63	810035	99.213	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	536729	106.759	ug/L	99
22) 2-Butanone	7.171	43	299940	201.253	ug/L	99
23) Bromochloromethane	7.513	128	259208	103.256	ug/L	95
25) Chloroform	7.671	83	923049	100.731	ug/L	96
27) 1,2-Dichloroethane	8.397	62	621240	102.385	ug/L	99
29) Cyclohexane	7.952	56	716800	104.085	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	758117	95.790	ug/L	98
31) Carbon tetrachloride	8.067	117	709155	98.755	ug/L	99
33) Benzene	8.323	78	1979501	96.677	ug/L	100
34) Trichloroethene	9.092	95	527965	96.774	ug/L	94
35) Methylcyclohexane	9.329	83	881918	102.204	ug/L	99
37) 1,2-Dichloropropane	9.366	63	484044	97.615	ug/L	99
38) Bromodichloromethane	9.646	83	707864	98.972	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	837948	108.510	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	713402	216.312	ug/L	99
42) Toluene	10.384	91	2326609	102.403	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	763095	106.858	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	431498	101.010	ug/L	97
46) Tetrachloroethene	10.860	164	433784	98.819	ug/L	99
48) 2-Hexanone	10.969	43	508077	223.775	ug/L	98
49) Dibromochloromethane	11.128	129	568804	109.907	ug/L	100
50) 1,2-Dibromoethane	11.231	107	437154	103.144	ug/L	98
51) Chlorobenzene	11.658	112	1545538	99.634	ug/L	99
52) Ethylbenzene	11.731	91	2638057	103.661	ug/L	97
53) m,p-Xylene	11.835	106	1053777	105.321	ug/L	97
54) o-Xylene	12.164	106	1035742	109.159	ug/L	93
55) Styrene	12.176	104	1809178	109.002	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	551702	100.234	ug/L	97
59) Bromoform	12.347	173	347736	115.075	ug/L	99
60) Isopropylbenzene	12.463	105	2830978	106.043	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	394997	95.704	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2386498	106.838	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2371339	105.835	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1297102	100.780	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	1243355	95.125	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1145734	97.399	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	92744	97.404	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	824849	97.263	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	694306	100.738	ug/L	98
71) Naphthalene	15.359	128	1679969	115.959	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	645478	101.504	ug/L	99

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

