

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031069.D
 Acq On : 20 Nov 2024 12:15
 Operator : SY/MD
 Sample : VSTD05024
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050424

Quant Time: Nov 21 03:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2024
 Supervised By :Semsettin Yesilyurt 11/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	419459	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	396810	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	205641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	259690	50.785	ug/L	0.00
7) Chloroethane-d5	2.893	69	209446	51.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	132000	52.242	ug/L	0.00
21) 2-Butanone-d5	7.069	46	132195	112.279	ug/L	0.00
24) Chloroform-d	7.648	84	598028	52.485	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.300	65	299602	53.816	ug/L	0.00
32) Benzene-d6	8.270	84	1230530	54.759	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	355606	53.667	ug/L	0.00
41) Toluene-d8	10.318	98	1148060	56.079	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	157562	57.119	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	114420	120.149	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	273367	54.167	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	373152	51.920	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	214437	43.121	ug/L	100
3) Chloromethane	2.228	50	262252	42.848	ug/L	99
5) Vinyl chloride	2.375	62	280278	44.461	ug/L	99
6) Bromomethane	2.789	94	195307	44.369	ug/L	93
8) Chloroethane	2.929	64	167189	44.217	ug/L	100
9) Trichlorofluoromethane	3.271	101	394285	45.218	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	263381	44.605	ug/L	98
12) 1,1-Dichloroethene	4.039	96	273023m	47.567	ug/L	
13) Acetone	4.118	43	164935	107.005	ug/L	100
14) Carbon disulfide	4.386	76	872792	46.846	ug/L	99
15) Methyl Acetate	4.667	43	107287	52.402	ug/L	99
16) Methylene chloride	4.917	84	270644	45.070	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	293572	47.083	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	449691	50.049	ug/L	99
19) 1,1-Dichloroethane	6.215	63	509546	46.634	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	319807	48.613	ug/L	98
22) 2-Butanone	7.166	43	191546	101.334	ug/L	99
23) Bromochloromethane	7.514	128	137526	46.657	ug/L	93
25) Chloroform	7.672	83	534699	46.817	ug/L	98
27) 1,2-Dichloroethane	8.398	62	318682	46.820	ug/L	97
29) Cyclohexane	7.959	56	450933	48.584	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	440452	45.760	ug/L	100
31) Carbon tetrachloride	8.069	117	403570	46.110	ug/L	99
33) Benzene	8.319	78	1181066	46.500	ug/L	100
34) Trichloroethene	9.087	95	315535	45.858	ug/L	96
35) Methylcyclohexane	9.331	83	523566	47.352	ug/L	99
37) 1,2-Dichloropropane	9.367	63	291193	45.982	ug/L	99
38) Bromodichloromethane	9.642	83	372792	46.772	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	475635	49.834	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	306251	102.778	ug/L	100
42) Toluene	10.385	91	1266733	47.224	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	381368	49.482	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	219813	47.720	ug/L	98
46) Tetrachloroethene	10.861	164	248896	45.236	ug/L	97
48) 2-Hexanone	10.964	43	261782	111.117	ug/L	98
49) Dibromochloromethane	11.123	129	248967	48.601	ug/L	94
50) 1,2-Dibromoethane	11.233	107	209000	47.679	ug/L	95
51) Chlorobenzene	11.653	112	803967	45.829	ug/L	99
52) Ethylbenzene	11.727	91	1431005	47.582	ug/L	99
53) m,p-Xylene	11.836	106	558127	48.623	ug/L	91
54) o-Xylene	12.159	106	534781	49.573	ug/L	93
55) Styrene	12.178	104	899513	48.997	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	240956	46.898	ug/L	93
59) Bromoform	12.348	173	144944	47.097	ug/L	97
60) Isopropylbenzene	12.458	105	1396273	46.603	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	172084	45.712	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1167895	49.415	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1115286	47.841	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	628420	45.990	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	632944	44.517	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	551122	44.993	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	38132	46.343	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	419733	44.936	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	354247	47.422	ug/L	96
71) Naphthalene	15.354	128	647855	51.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	312727	47.035	ug/L	95

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

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