

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016576.D
 Acq On : 18 Sep 2020 10:11
 Operator : SY/VA
 Sample : VSTD2.5105
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 4:03:09 PM

Quant Time: Sep 18 12:55:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	590094	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514763	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	252176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	16320	2.48	ug/L	0.00
7) Chloroethane-d5	2.91	69	13628	2.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.04	63	35722	2.57	ug/L	0.00
21) 2-Butanone-d5	7.10	46	7818	5.25	ug/L	0.01
24) Chloroform-d	7.66	84	35318	2.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.32	65	18523	2.61	ug/L	0.00
32) Benzene-d6	8.28	84	68831	2.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	18862	2.61	ug/L	0.00
41) Toluene-d8	10.33	98	67032	2.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.59	79	8501	2.42	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	5325	4.68	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	13944	2.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.86	152	23547	2.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	18143	2.550 ug/L	94
3) Chloromethane	2.22	50	14511	2.573 ug/L	94
5) Vinyl chloride	2.38	62	21392	2.647 ug/L	94
6) Bromomethane	2.79	94	15470	2.491 ug/L	99
8) Chloroethane	2.95	64	12185	2.536 ug/L	99
9) Trichlorofluoromethane	3.28	101	18087	2.359 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	18173	2.388 ug/L #	85
12) 1,1-Dichloroethene	4.06	96	19692m	2.587 ug/L	
13) Acetone	4.16	43	5431	5.275 ug/L	76
14) Carbon disulfide	4.40	76	57533	2.545 ug/L	99
15) Methyl Acetate	4.70	43	6337	2.567 ug/L #	75
16) Methylene chloride	4.93	84	29588	3.421 ug/L	94
17) trans-1,2-Dichloroethene	5.44	96	20049	2.539 ug/L	96
18) Methyl tert-butyl Ether	5.44	73	25255	2.604 ug/L #	91
19) 1,1-Dichloroethane	6.23	63	31722	2.536 ug/L	97
20) cis-1,2-Dichloroethene	7.18	96	20886	2.544 ug/L	92
22) 2-Butanone	7.18	43	10473	6.125 ug/L	83
23) Bromochloromethane	7.53	128	9718	2.518 ug/L	96
25) Chloroform	7.68	83	34967	2.555 ug/L	97
27) 1,2-Dichloroethane	8.40	62	21545	2.536 ug/L #	93
29) Cyclohexane	7.96	56	30518	2.655 ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	31855	2.597 ug/L	97
31) Carbon tetrachloride	8.08	117	30269	2.534 ug/L	96
33) Benzene	8.33	78	76614	2.687 ug/L	100
34) Trichloroethene	9.10	95	21128	2.583 ug/L	96
35) Methylcyclohexane	9.34	83	35074	2.567 ug/L	97
37) 1,2-Dichloropropane	9.37	63	17070	2.625 ug/L	99
38) Bromodichloromethane	9.65	83	24237	2.514 ug/L	88
39) cis-1,3-Dichloropropene	10.08	75	27230	2.453 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	18346	5.036 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	82865	2.579	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	22630	2.377	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	13350	2.528	ug/L	96
46) Tetrachloroethene	10.87	164	19449	2.636	ug/L	93
48) 2-Hexanone	10.98	43	9917	4.313	ug/L	97
49) Dibromochloromethane	11.13	129	16425	2.369	ug/L	94
50) 1,2-Dibromoethane	11.24	107	12805	2.448	ug/L	92
51) Chlorobenzene	11.66	112	55874	2.623	ug/L	93
52) Ethylbenzene	11.73	91	93438	2.583	ug/L	96
53) m,p-Xylene	11.84	106	35615	2.527	ug/L	93
54) o-Xylene	12.17	106	33896	2.541	ug/L	92
55) Styrene	12.18	104	54759	2.466	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	13767	2.421	ug/L	92
59) Bromoform	12.35	173	9109	2.238	ug/L	97
60) Isopropylbenzene	12.47	105	94989	2.580	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	10308	2.480	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	75570	2.494	ug/L	97
63) 1,2,4-Trimethylbenzene	13.26	105	76225	2.531	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	43914	2.599	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	42692	2.576	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	38514	2.576	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	2387	2.444	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.63	180	32142	2.577	ug/L	96
70) 1,2,4-trichlorobenzene	15.14	180	24121	2.395	ug/L	100
71) Naphthalene	15.37	128	36961	2.187	ug/L	98
72) 1,2,3-Trichlorobenzene	15.56	180	19719	2.332	ug/L	95

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

