

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062821\
 Data File : VW019344.D
 Acq On : 28 Jun 2021 12:06
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050104

Quant Time: Jun 28 12:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 28 12:14:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	497700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	453148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	223994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	337459	52.094	ug/L	0.00
7) Chloroethane-d5	2.891	69	269416	49.111	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	696414	53.641	ug/L	0.00
21) 2-Butanone-d5	7.086	46	161275	95.424	ug/L	0.00
24) Chloroform-d	7.653	84	695744	52.518	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	346904	47.251	ug/L	0.00
32) Benzene-d6	8.281	84	1428888	54.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	433749	54.973	ug/L	0.00
41) Toluene-d8	10.323	98	1302816	54.460	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	172634	51.538	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	140277	106.751	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	306112	48.061	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	418181	53.372	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	340052	54.349	ug/L	96
3) Chloromethane	2.221	50	332637	56.252	ug/L	99
5) Vinyl chloride	2.367	62	447055	50.508	ug/L	98
6) Bromomethane	2.788	94	246812	38.933	ug/L	97
8) Chloroethane	2.928	64	248429	47.740	ug/L	97
9) Trichlorofluoromethane	3.263	101	265130	54.699	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	353764	50.752	ug/L	96
12) 1,1-Dichloroethene	4.050	96	359377	52.321	ug/L	95
13) Acetone	4.135	43	98840	70.088	ug/L	86
14) Carbon disulfide	4.391	76	1145997	52.621	ug/L	99
15) Methyl Acetate	4.678	43	144216	48.486	ug/L	99
16) Methylene chloride	4.928	84	365631	40.471	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	387940	52.063	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	468306	49.626	ug/L	94
19) 1,1-Dichloroethane	6.220	63	688758	52.053	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	402616	51.978	ug/L	95
22) 2-Butanone	7.177	43	177901	91.314	ug/L	99
23) Bromochloromethane	7.519	128	172268	50.684	ug/L	96
25) Chloroform	7.677	83	677040	50.604	ug/L	98
27) 1,2-Dichloroethane	8.403	62	418062	46.722	ug/L	97
29) Cyclohexane	7.958	56	674803	57.157	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	509898	50.069	ug/L	99
31) Carbon tetrachloride	8.073	117	489508	51.680	ug/L	98
33) Benzene	8.329	78	1564864	52.914	ug/L	100
34) Trichloroethene	9.098	95	396973	51.919	ug/L	96
35) Methylcyclohexane	9.341	83	728839	54.839	ug/L	96
37) 1,2-Dichloropropane	9.372	63	382212	52.785	ug/L	98
38) Bromodichloromethane	9.646	83	478250	51.498	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	597753	53.706	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	408283	96.591	ug/L	95
42) Toluene	10.390	91	1647558	52.157	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	506044	51.884	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	266842	49.671	ug/L	98
46) Tetrachloroethene	10.866	164	305080	51.829	ug/L	97
48) 2-Hexanone	10.969	43	275619	97.162	ug/L	93
49) Dibromochloromethane	11.128	129	307314	51.554	ug/L	95
50) 1,2-Dibromoethane	11.237	107	256544	49.388	ug/L	95
51) Chlorobenzene	11.658	112	1009325	51.208	ug/L	97
52) Ethylbenzene	11.731	91	1830005	52.648	ug/L	96
53) m,p-Xylene	11.841	106	685720	53.268	ug/L	96
54) o-Xylene	12.164	106	658211	53.960	ug/L	96
55) Styrene	12.182	104	1133653	54.074	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	311253	47.439	ug/L	96
59) Bromoform	12.347	173	166277	49.711	ug/L	96
60) Isopropylbenzene	12.463	105	1767767	53.620	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	229009	47.086	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	1507520	55.670	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1502399	55.465	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	770912	53.541	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	751684	51.079	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	685853	52.961	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	48536	46.074	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	572418	55.342	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	459862	53.793	ug/L	97
71) Naphthalene	15.365	128	928361	55.123	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	403561	53.418	ug/L	98

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

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